

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082815\
 Data File : BF081253.D
 Acq On : 27 Aug 2015 18:36
 Operator : UM/IZ
 Sample : G3441-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 22:50:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	46319	20.00	ng	-0.04
21) Naphthalene-d8	7.79	136	198307	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	93497	20.00	ng	-0.04
63) Phenanthrene-d10	11.01	188	191729	20.00	ng	-0.04
75) Chrysene-d12	13.62	240	141115	20.00	ng	-0.04
86) Perylene-d12	14.94	264	111693	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.07	112	424913	137.98	ng	-0.02
7) Phenol-d6	6.17	99	639194	159.08	ng	-0.02
23) Nitrobenzene-d5	7.09	82	400462	92.25	ng	-0.04
41) 2,4,6-Tribromophenol	10.32	330	117779	145.32	ng	-0.04
44) 2-Fluorobiphenyl	8.88	172	664330	93.10	ng	-0.02
78) Terphenyl-d14	12.58	244	540182	82.06	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.92	88	54215	37.36	ng	95
3) Pyridine	2.51	79	148062	36.15	ng	# 80
4) n-Nitrosodimethylamine	2.48	42	99986	43.84	ng	# 69
6) Aniline	6.26	93	174461	29.86	ng	94
8) 2-Chlorophenol	6.29	128	158813	47.11	ng	90
9) Benzaldehyde	6.05	77	34297	13.24	ng	88
10) Phenol	6.18	94	258288	54.43	ng	# 69
11) bis(2-Chloroethyl)ether	6.26	93	174461	47.91	ng	96
12) 1,3-Dichlorobenzene	6.45	146	161916	44.71	ng	96
13) 1,4-Dichlorobenzene	6.53	146	165433	46.13	ng	99
14) 1,2-Dichlorobenzene	6.67	146	141075	42.03	ng	99
15) Benzyl Alcohol	6.66	79	149865	46.10	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.81	45	346485	48.43	ng	97
17) 2-Methylphenol	6.79	107	137056	47.39	ng	97
18) Hexachloroethane	7.02	117	65232	45.02	ng	98
19) n-Nitroso-di-n-propylamine	6.95	70	143626	51.60	ng	86
20) 3+4-Methylphenols	6.95	107	181995	49.58	ng	# 45
22) Acetophenone	6.94	105	257781	49.51	ng	# 84
24) Nitrobenzene	7.10	77	177512	39.11	ng	94
25) Isophorone	7.35	82	375693	46.41	ng	97
26) 2-Nitrophenol	7.42	139	87896	46.56	ng	# 82
27) 2,4-Dimethylphenol	7.47	122	163828	49.06	ng	93
28) bis(2-Chloroethoxy)methane	7.57	93	221458	46.31	ng	99
29) 2,4-Dichlorophenol	7.67	162	133349	47.43	ng	98
30) 1,2,4-Trichlorobenzene	7.74	180	128020	40.97	ng	97
31) Naphthalene	7.82	128	510728	46.20	ng	99
32) Benzoic acid	7.60	122	51284	27.30	ng	92
33) 4-Chloroaniline	7.87	127	97144	20.83	ng	# 90
34) Hexachlorobutadiene	7.94	225	81496	46.12	ng	98
35) Caprolactam	8.26	113	28633	29.14	ng	# 83
36) 4-Chloro-3-methylphenol	8.38	107	173862	51.89	ng	97
37) 2-Methylnaphthalene	8.50	142	295801	42.36	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	133742	44.34	ng	# 98
40) Hexachlorocyclopentadiene	8.66	237	136086	87.16	ng	98

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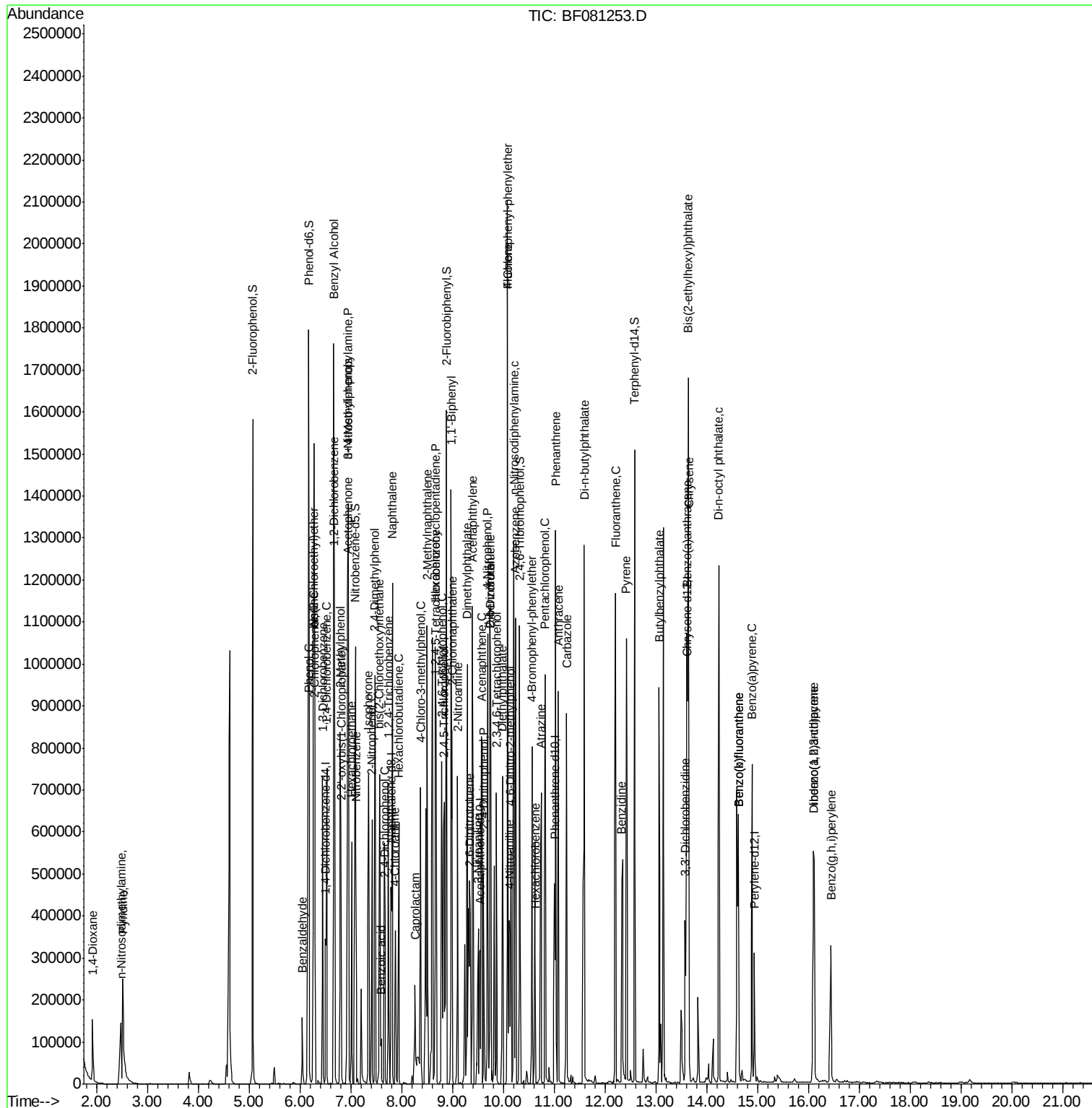
Quant Time: Aug 27 22:50:23 2015
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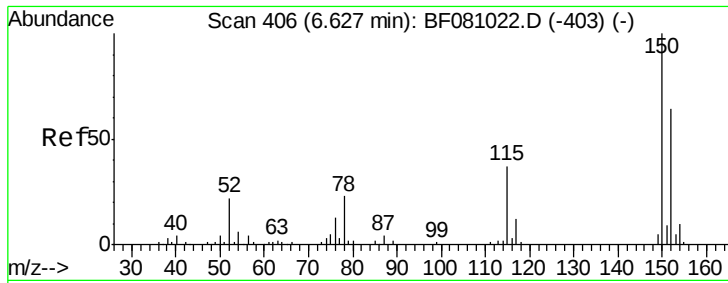
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42) 2,4,6-Trichlorophenol	8.79	196	91037	42.72	nq	99
43) 2,4,5-Trichlorophenol	8.83	196	97276	45.67	nq #	87
45) 1,1'-Biphenyl	8.97	154	376866	45.76	nq	96
46) 2-Chloronaphthalene	8.99	162	303895	45.93	nq	99
47) 2-Nitroaniline	9.10	65	142108	52.49	nq	92
48) Acenaphthylene	9.39	152	488063	41.24	nq	98
49) Dimethylphthalate	9.29	163	439597	57.09	nq	100
50) 2,6-Dinitrotoluene	9.35	165	84965	51.39	nq #	76
51) Acenaphthene	9.58	154	284180	40.11	nq	99
52) 3-Nitroaniline	9.51	138	67348	32.55	nq #	76
53) 2,4-Dinitrophenol	9.61	184	61042	68.48	nq	92
54) Dibenzofuran	9.75	168	416521	43.87	nq	98
55) 4-Nitrophenol	9.69	139	134520	92.58	nq #	78
56) 2,4-Dinitrotoluene	9.75	165	107418	49.02	nq #	80
57) Fluorene	10.08	166	293920	40.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	77568	47.05	nq	93
59) Diethylphthalate	9.98	149	389106	47.74	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	140350	45.41	nq	100
61) 4-Nitroaniline	10.13	138	97156	45.95	nq	87
62) Azobenzene	10.24	77	462500	49.25	nq	96
64) 4,6-Dinitro-2-methylphenol	10.15	198	54632	47.71	nq #	80
65) n-Nitrosodiphenylamine	10.21	169	300950	43.97	nq	100
66) 4-Bromophenyl-phenylether	10.56	248	83122	44.13	nq #	61
67) Hexachlorobenzene	10.63	284	85184	44.66	nq #	81
68) Atrazine	10.74	200	103286	54.17	nq	97
69) Pentachlorophenol	10.82	266	106907	93.41	nq	98
70) Phenanthrene	11.03	178	454109	39.96	nq	99
71) Anthracene	11.09	178	508692	46.01	nq	98
72) Carbazole	11.25	167	512140	48.11	nq	98
73) Di-n-butylphthalate	11.59	149	590316	45.83	nq	99
74) Fluoranthene	12.21	202	561576	45.80	nq	97
76) Benzidine	12.33	184	222815	41.80	nq	98
77) Pyrene	12.42	202	490710	42.78	nq	99
79) Butylbenzylphthalate	13.06	149	251815	51.07	nq #	62
80) Benzo(a)anthracene	13.61	228	439894	46.48	nq	99
81) 3,3'-Dichlorobenzidine	13.58	252	84552	27.58	nq	96
82) Chrysene	13.65	228	406288	47.64	nq	99
83) Bis(2-ethylhexyl)phthalate	13.64	149	375388	59.43	nq	99
84) Di-n-octyl phthalate	14.24	149	611584	63.71	nq	99
85) Indeno(1,2,3-cd)pyrene	16.10	276	306716	51.22	nq #	94
87) Benzo(b)fluoranthene	14.63	252	684559	86.65	nq #	95
88) Benzo(k)fluoranthene	14.63	252	684559	92.99	nq #	92
89) Benzo(a)pyrene	14.89	252	323275	46.96	nq	98
90) Dibenzo(a,h)anthracene	16.12	278	254101	47.37	nq #	97
91) Benzo(g,h,i)perylene	16.45	276	254304	46.73	nq #	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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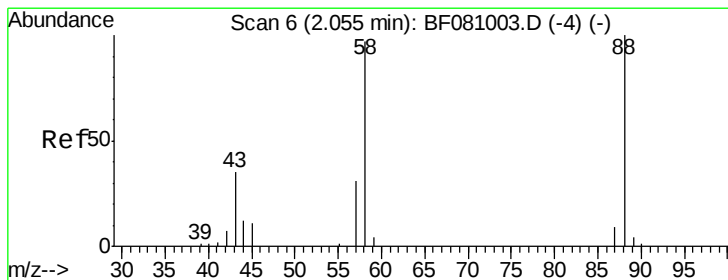
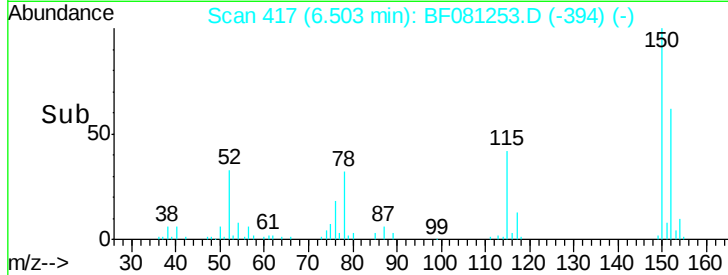
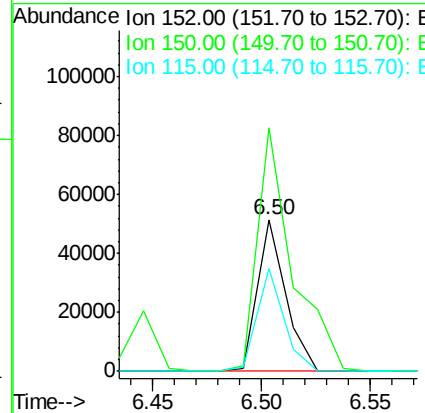
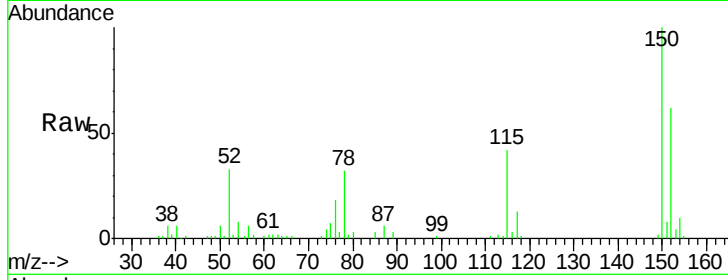


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 417
Delta R.T. -0.04 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :

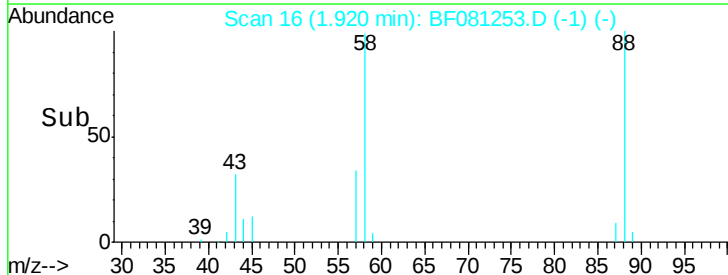
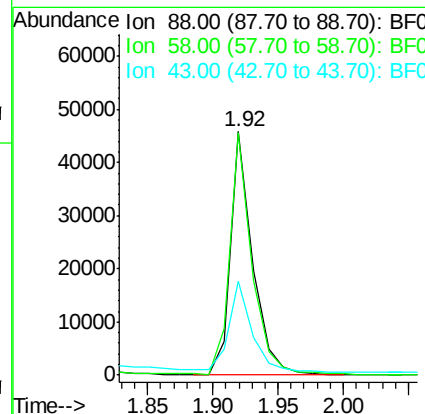
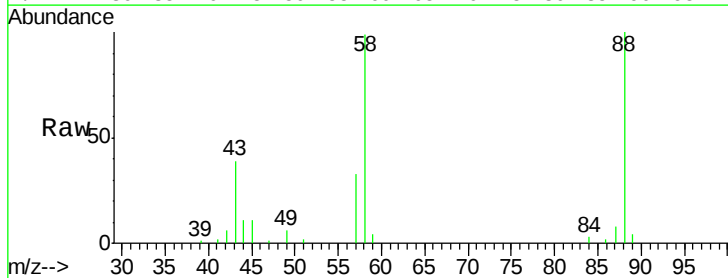
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Ion Ratio Lower Upper
152 100
150 160.6 123.8 185.6
115 67.7 52.1 78.1

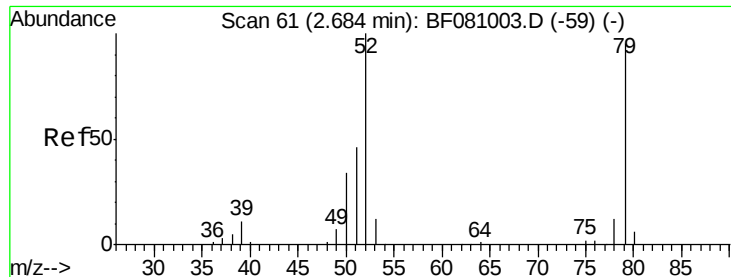


#2

1,4-Dioxane
Concen: 37.36 ng
RT: 1.92 min Scan# 16
Delta R.T. -0.01 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion: 88 Resp: 54215
Ion Ratio Lower Upper
88 100
58 101.3 83.7 125.5
43 40.3 37.5 56.3

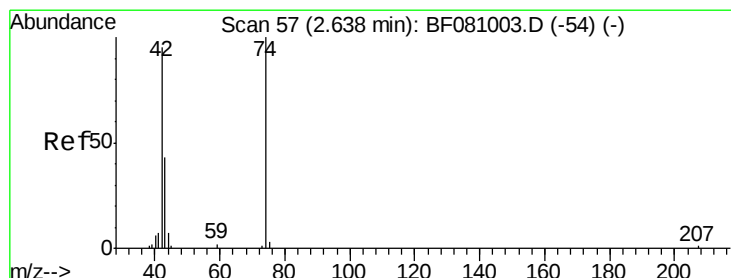
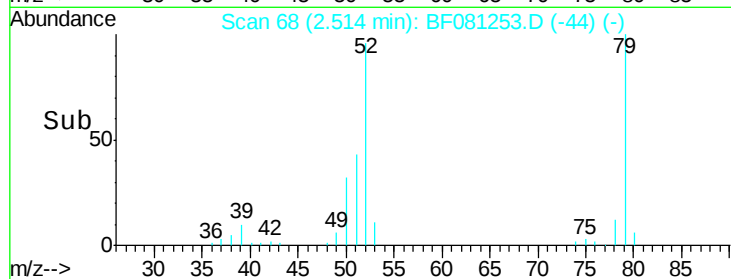
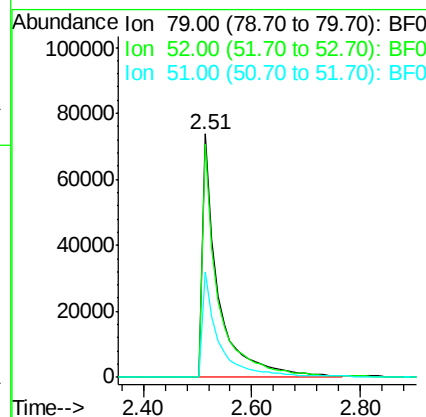
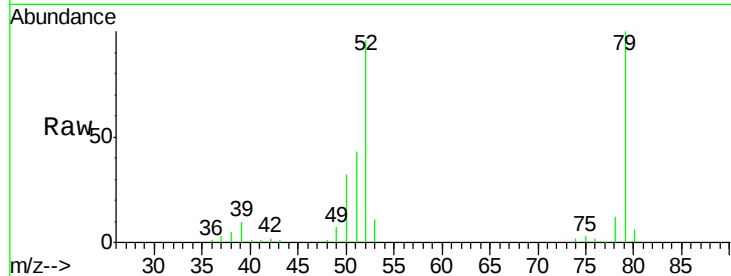




#3
 Pvrindine
 Concen: 36.15 ng
 RT: 2.51 min Scan# 68
 Delta R.T. -0.02 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

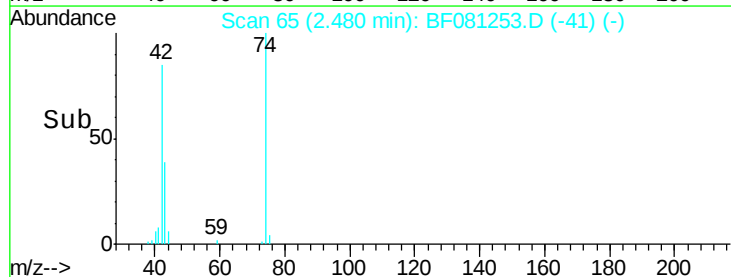
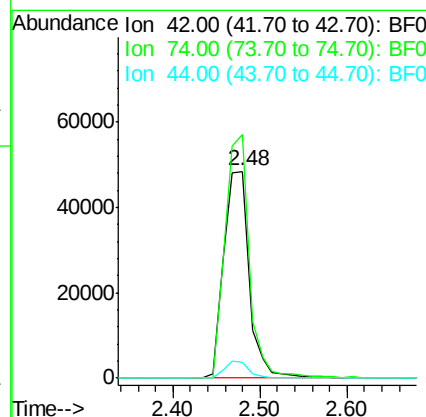
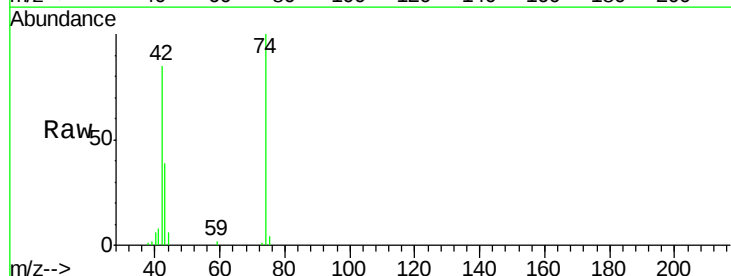
Instrument :
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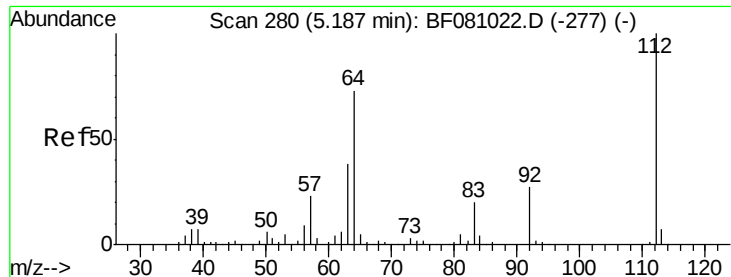
Tot Ion: 79 Resp: 148062
 Ion Ratio Lower Upper
 79 100
 52 96.1 95.1 142.7
 51 43.4 46.6 70.0#



#4
 n-Nitrosodimethylamine
 Concen: 43.84 ng
 RT: 2.48 min Scan# 65
 Delta R.T. -0.02 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion: 42 Resp: 99986
 Ion Ratio Lower Upper
 42 100
 74 117.6 69.3 103.9#
 44 7.5 5.5 8.3

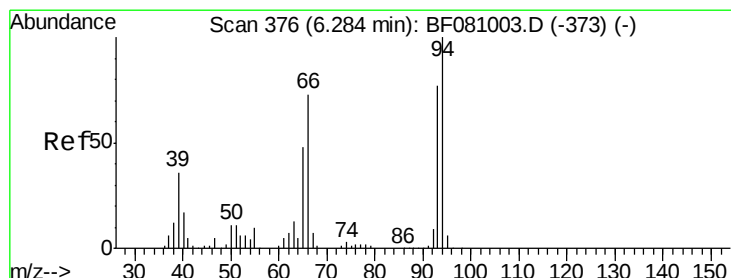
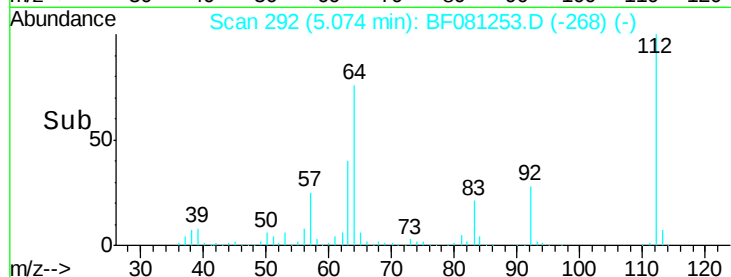
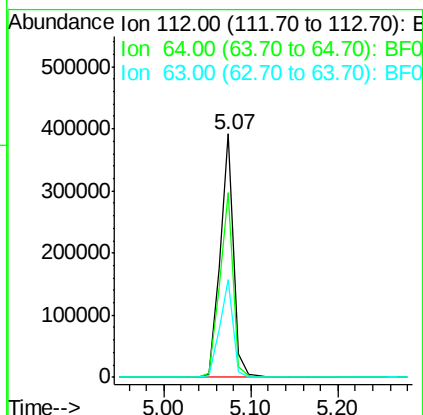
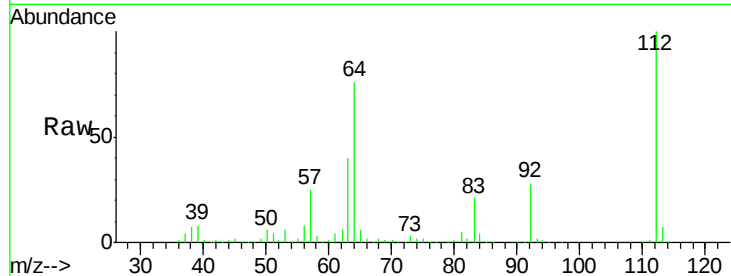




#5
 2-Fluorophenol
 Concen: 137.98 ng
 RT: 5.07 min Scan# 292
 Delta R.T. -0.02 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

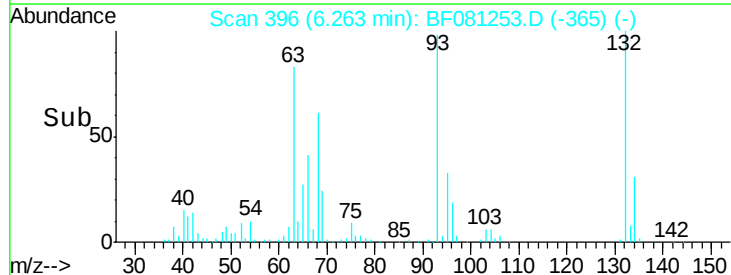
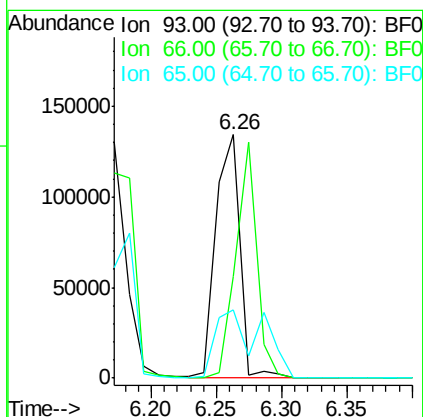
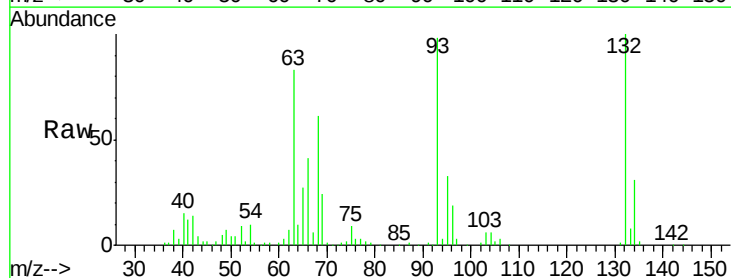
Instrument :
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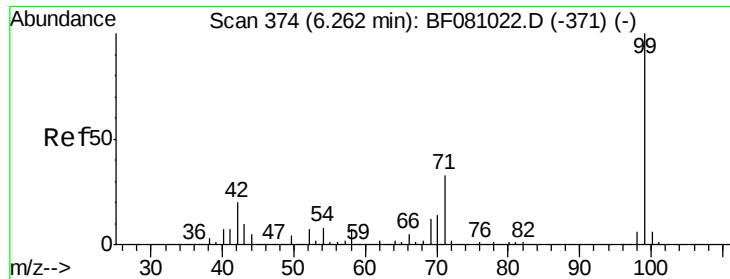
Tot Ion:112 Resp: 424913
 Ion Ratio Lower Upper
 112 100
 64 76.0 66.9 100.3
 63 40.3 38.1 57.1



#6
 Aniline
 Concen: 29.86 ng
 RT: 6.26 min Scan# 396
 Delta R.T. 0.06 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion: 93 Resp: 174461
 Ion Ratio Lower Upper
 93 100
 66 41.7 35.6 53.4
 65 28.0 18.7 28.1





#7

Phenol-d6

Concen: 159.08 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

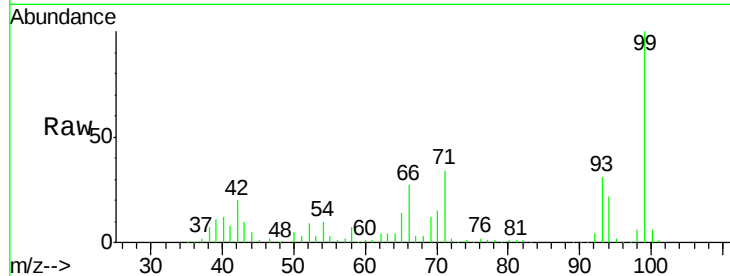
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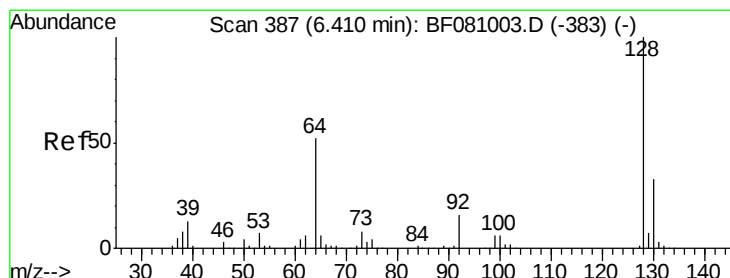
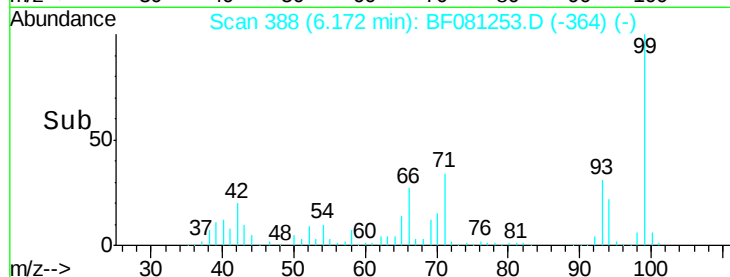
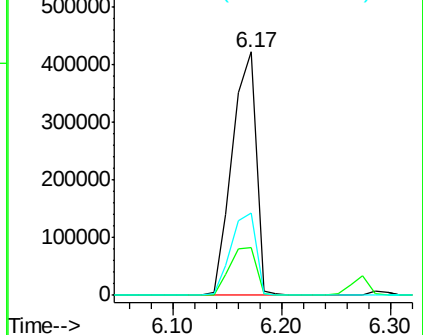
ClientSampleId :

Tot Ion: 99 Resp: 639194

Ion	Ratio	Lower	Upper
99	100		
42	19.6	19.6	29.4#
71	33.7	31.2	46.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.11 ng

RT: 6.29 min Scan# 398

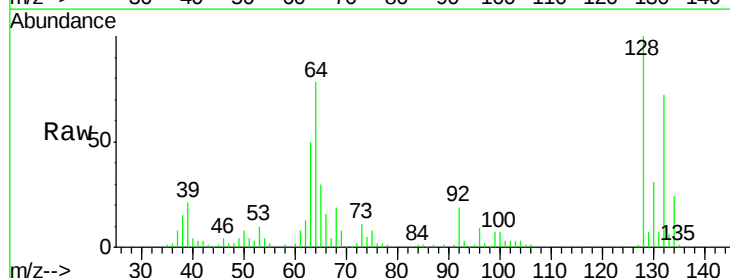
Delta R.T. -0.04 min

Lab File: BF081253.D

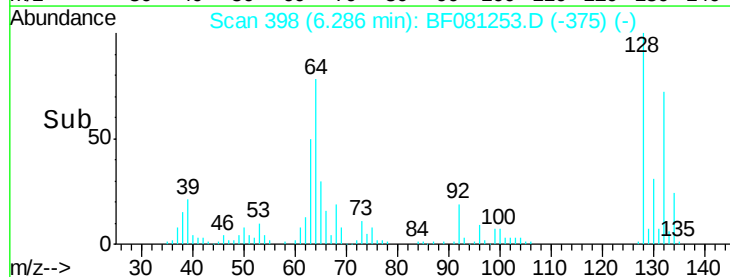
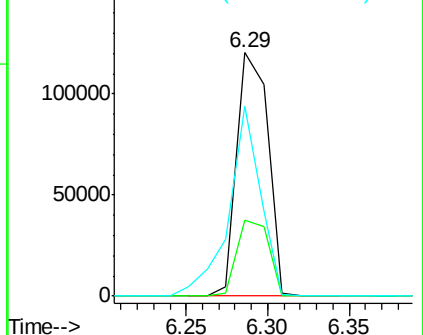
Acq: 27 Aug 2015 18:36

Tgt Ion: 128 Resp: 158813

Ion	Ratio	Lower	Upper
128	100		
130	31.1	12.5	52.5
64	77.9	46.8	86.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

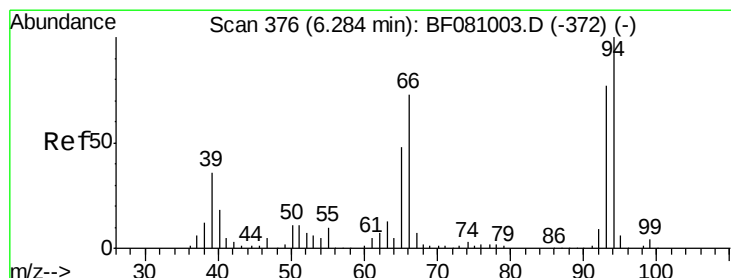
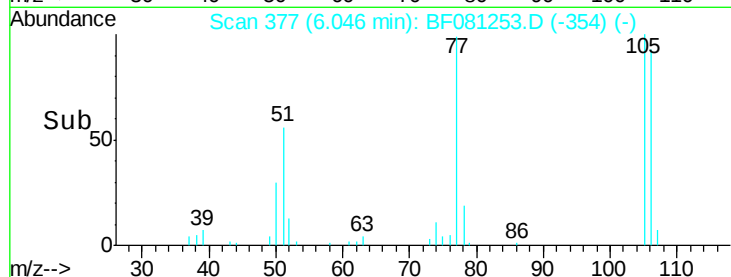
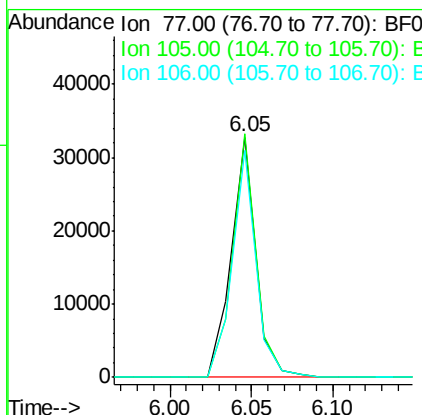
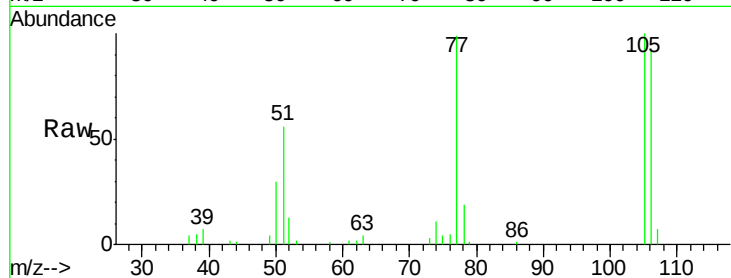




#9
Benzaldehyde
Concen: 13.24 ng
RT: 6.05 min Scan# 377
Delta R.T. -0.04 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

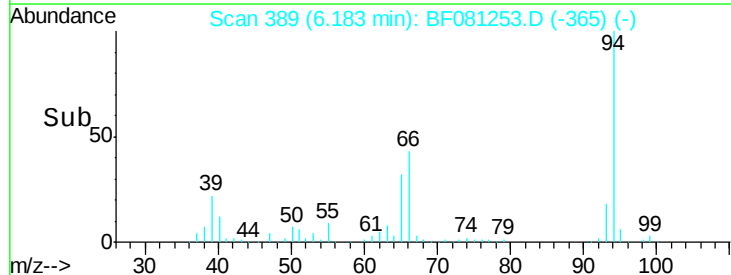
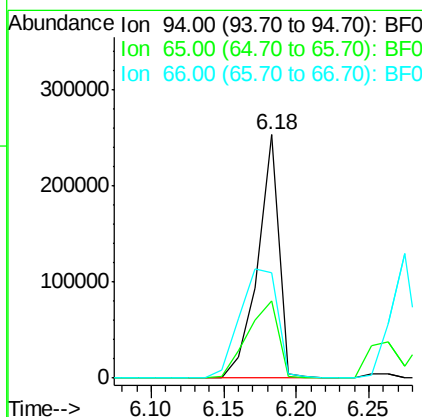
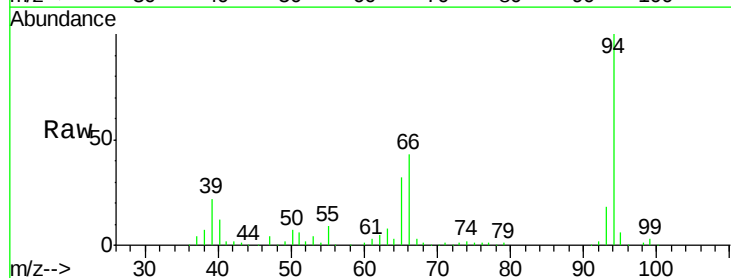
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ClientSampleId :

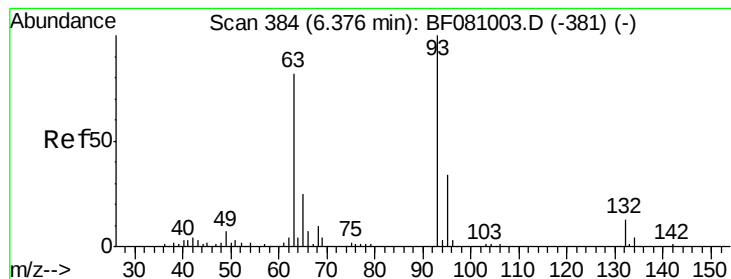
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Ion Ratio Lower Upper
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105 101.3 69.6 109.6
106 94.2 64.0 104.0



#10
Phenol
Concen: 54.43 ng
RT: 6.18 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion: 94 Resp: 258288
Ion Ratio Lower Upper
94 100
65 31.6 28.4 68.4
66 43.5 52.3 92.3#

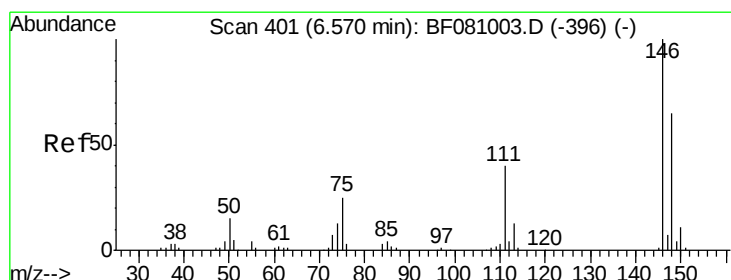
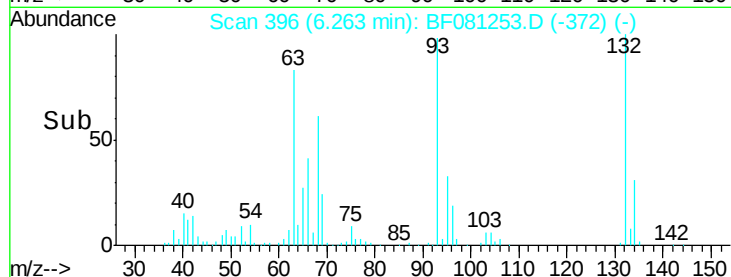
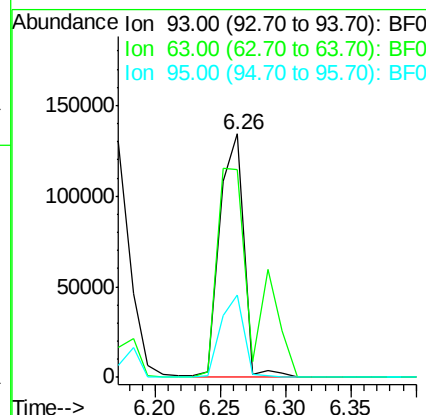
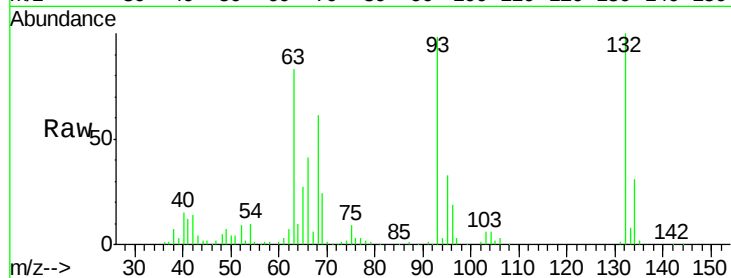




#11
 bis(2-Chloroethyl)ether
 Concen: 47.91 ng
 RT: 6.26 min Scan# 396
 Delta R.T. -0.02 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

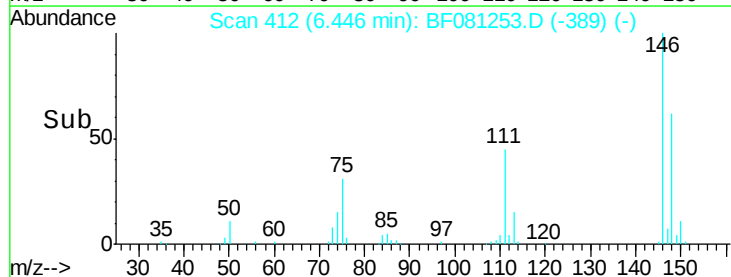
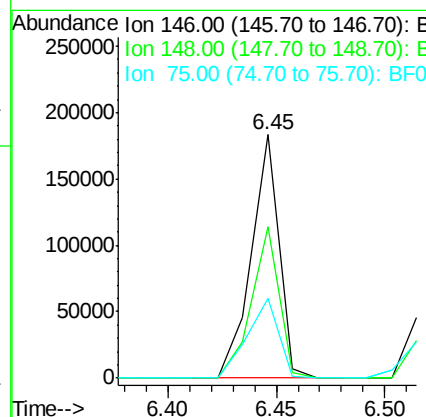
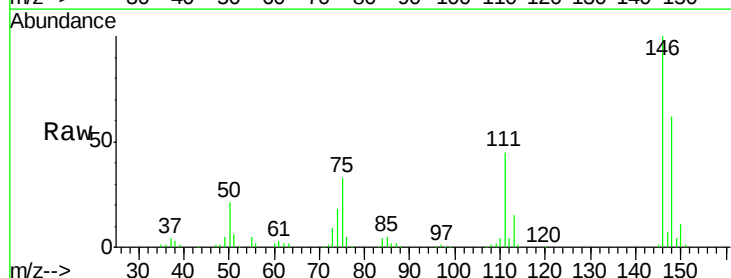
Instrument :
 BNA_F
 ClientSampleId :

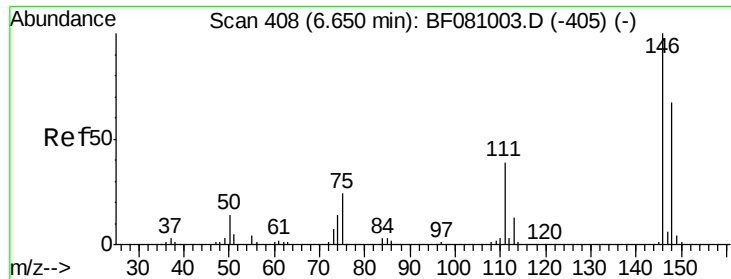
Tot Ion: 93 Resp: 174461
 Ion Ratio Lower Upper
 93 100
 63 85.4 69.6 109.6
 95 33.7 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 44.71 ng
 RT: 6.45 min Scan# 412
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion: 146 Resp: 161916
 Ion Ratio Lower Upper
 146 100
 148 62.4 53.3 79.9
 75 32.6 25.0 37.6

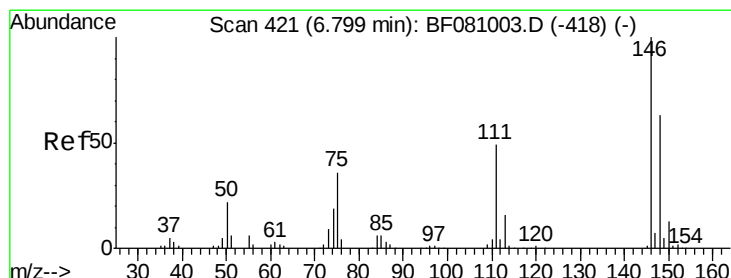
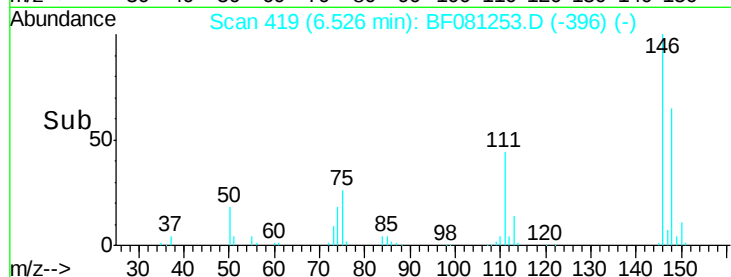
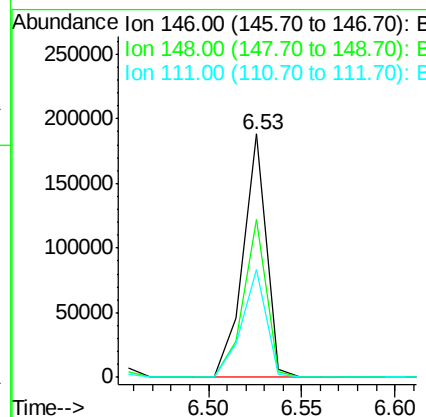
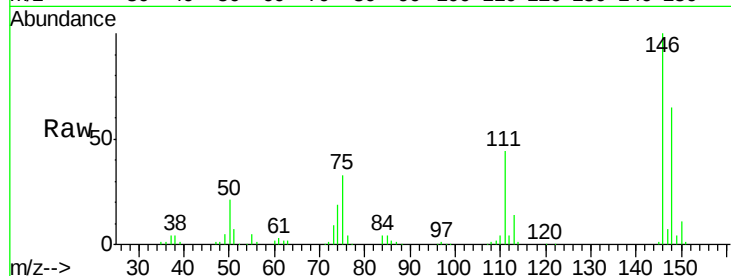




#13
 1,4-Dichlorobenzene
 Concen: 46.13 ng
 RT: 6.53 min Scan# 419
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

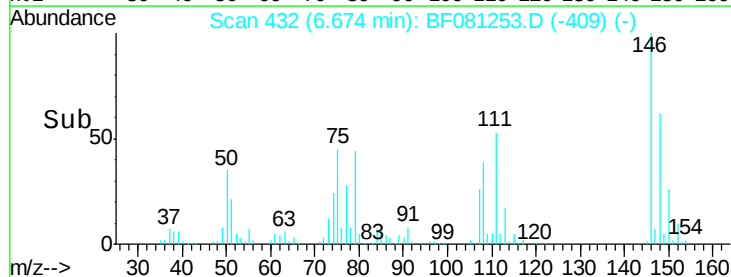
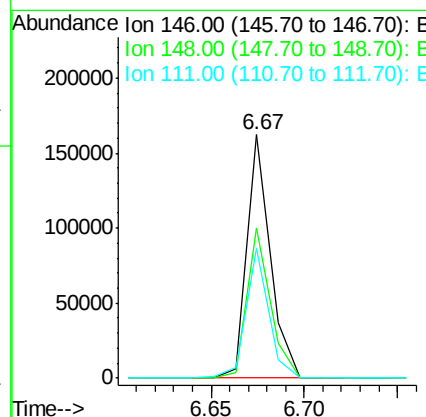
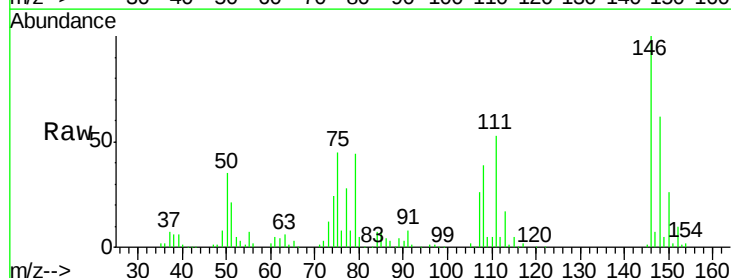
Instrument :
 BNA_F
 ClientSampled :

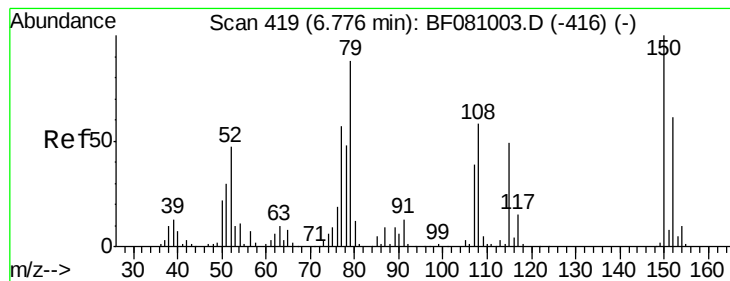
Tot Ion:146 Resp: 165433
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 44.2 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 42.03 ng
 RT: 6.67 min Scan# 432
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion:146 Resp: 141075
 Ion Ratio Lower Upper
 146 100
 148 61.8 48.7 73.1
 111 53.3 42.3 63.5





#15

Benzyl Alcohol

Concen: 46.10 ng

RT: 6.66 min Scan# 431

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampled :

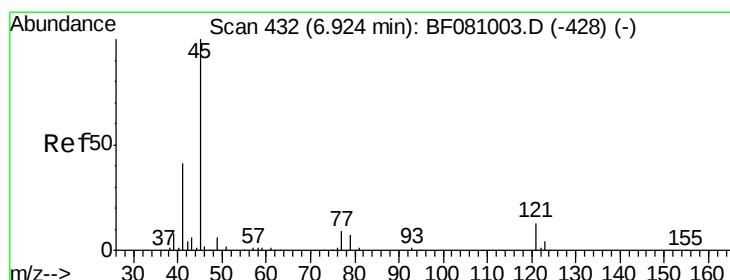
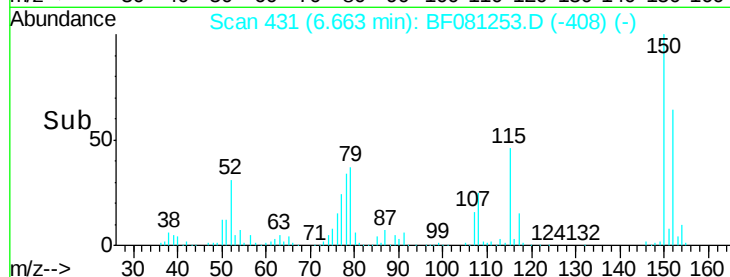
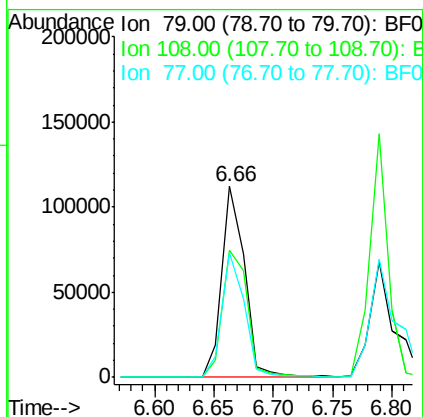
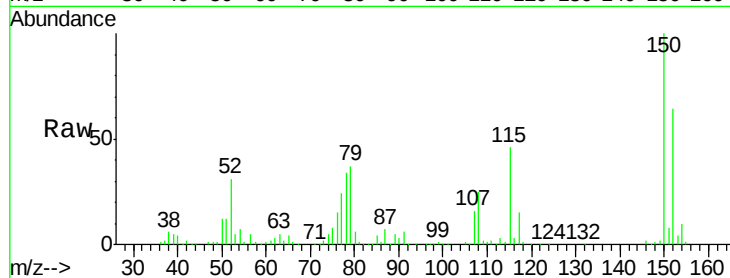
Tot Ion: 79 Resp: 149865

Ion Ratio Lower Upper

79 100

108 66.7 49.4 74.2

77 65.0 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.43 ng

RT: 6.81 min Scan# 444

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

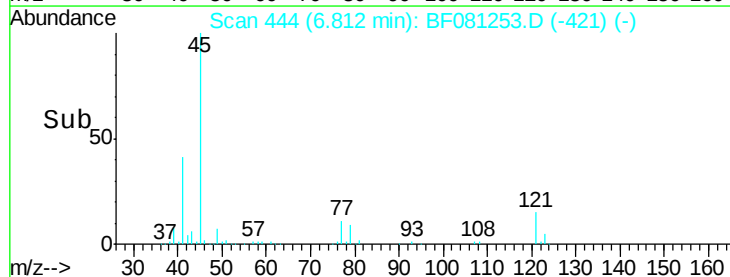
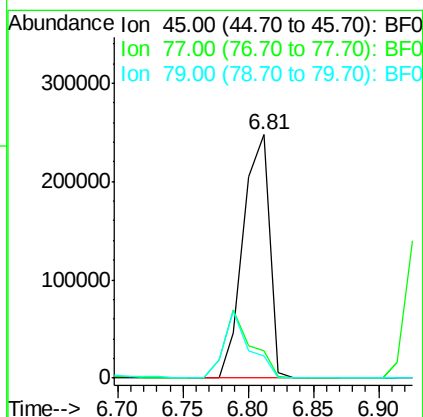
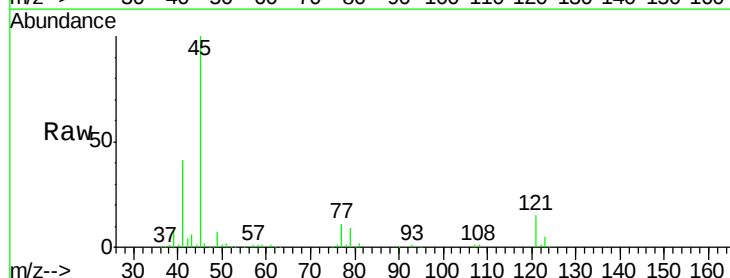
Tgt Ion: 45 Resp: 346485

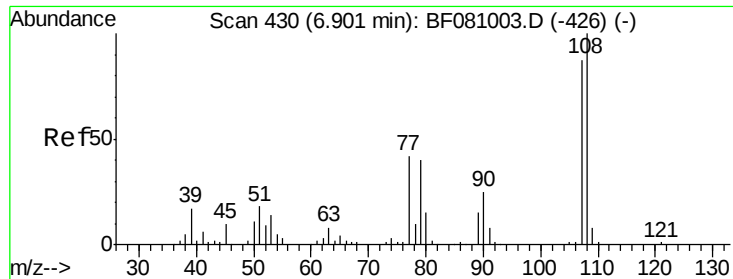
Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.2

79 9.0 0.0 28.0

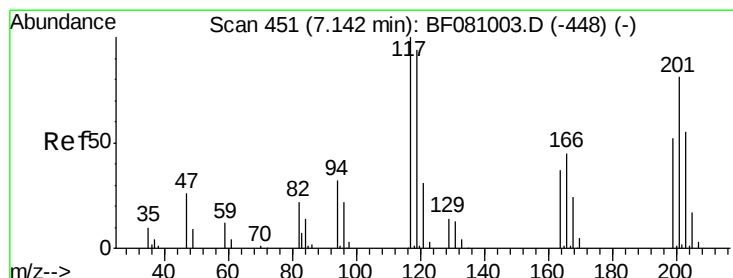
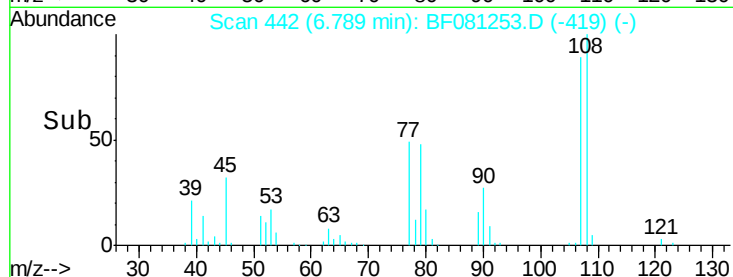
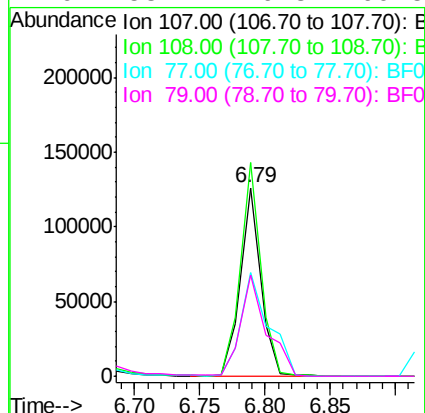
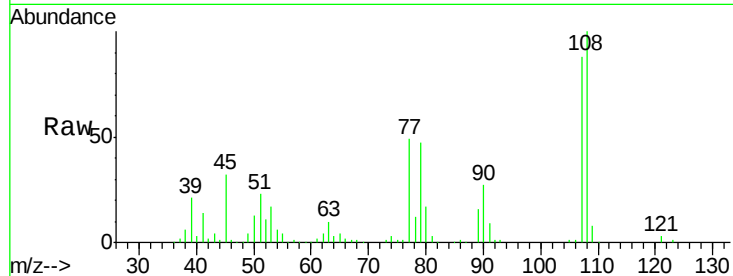




#17
2-Methylphenol
Concen: 47.39 ng
RT: 6.79 min Scan# 442
Delta R.T. -0.04 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

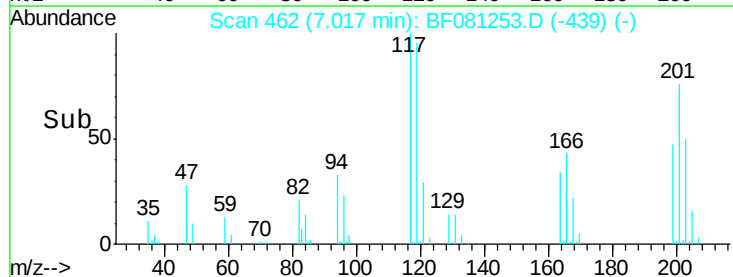
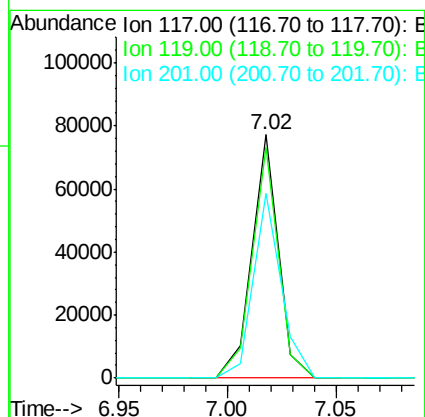
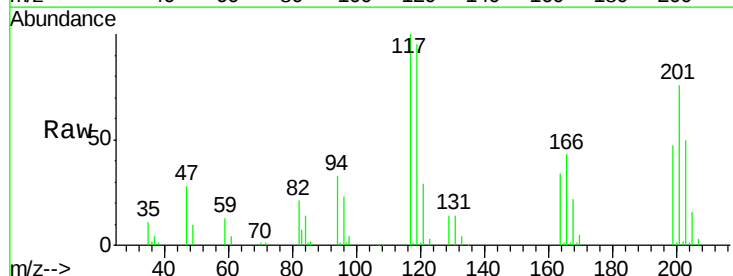
Instrument :
BNA_F
ClientSampled :

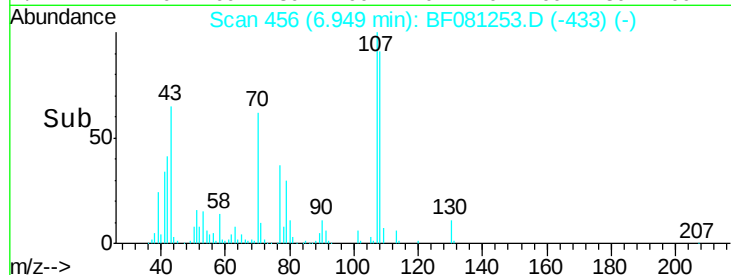
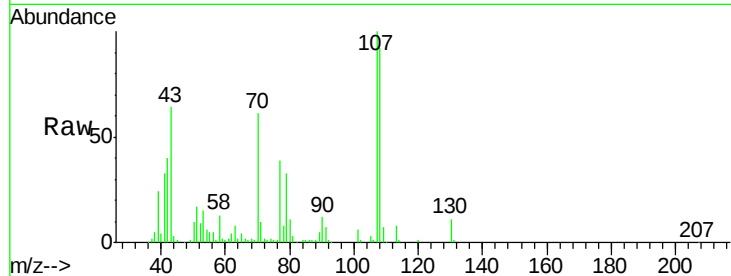
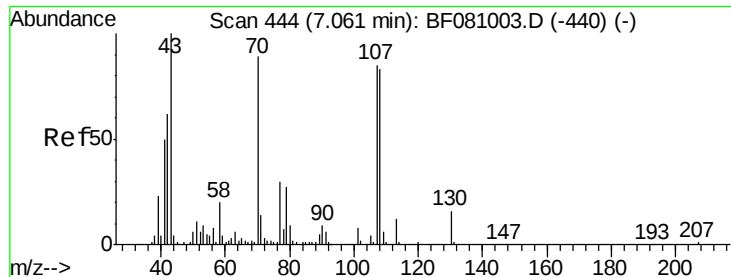
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.4	135.6
77	55.1	46.5	69.7
79	53.7	46.3	69.5



#18
Hexachloroethane
Concen: 45.02 ng
RT: 7.02 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.9	116.9
201	75.8	61.3	91.9

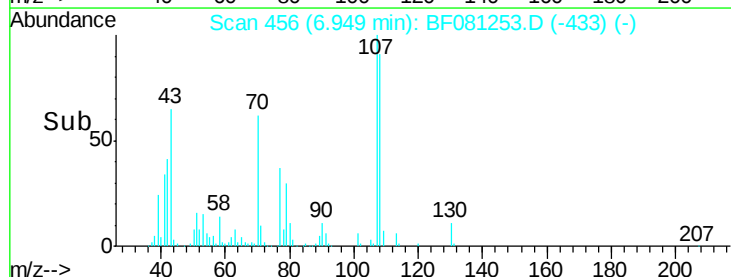
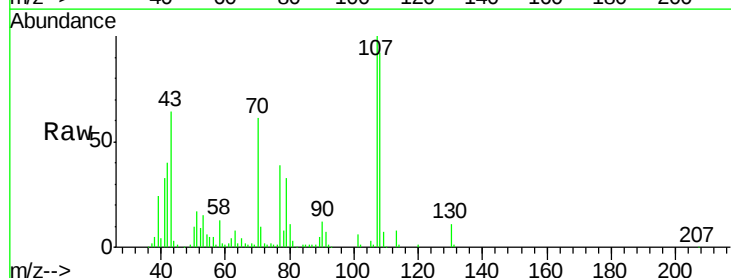
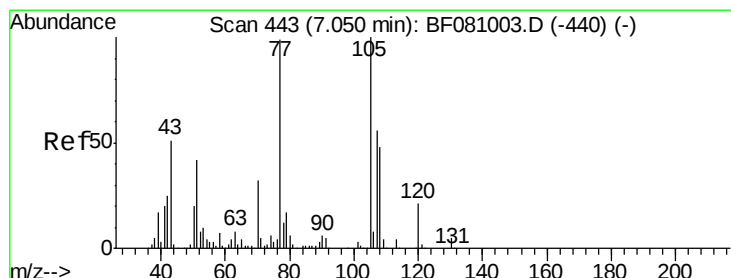
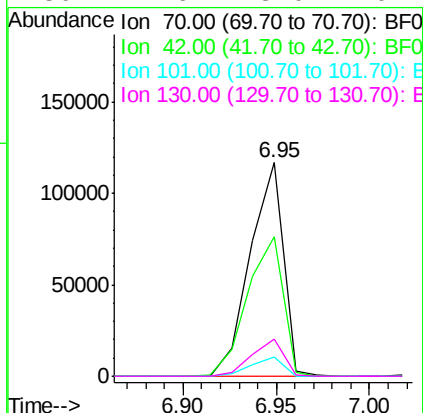




#19
n-Nitroso-di-n-propylamine
Concen: 51.60 ng
RT: 6.95 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

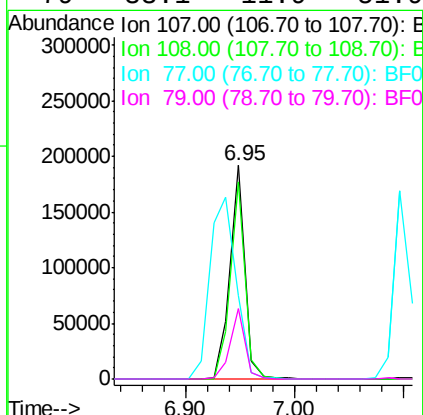
Instrument :
BNA_F
ClientSampleId :

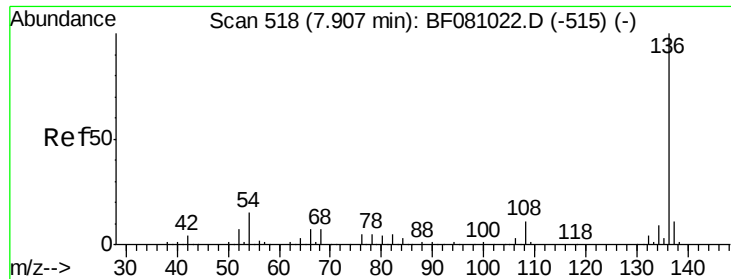
Tot Ion:	70	Resp:	143626
Ion	Ratio	Lower	Upper
70	100		
42	65.5	65.0	97.4
101	9.2	7.4	11.2
130	17.6	13.0	19.4



#20
3+4-Methylphenols
Concen: 49.58 ng
RT: 6.95 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion:	107	Resp:	181995
Ion	Ratio	Lower	Upper
107	100		
108	92.2	66.1	106.1
77	38.7	139.3	179.3#
79	33.1	11.9	51.9

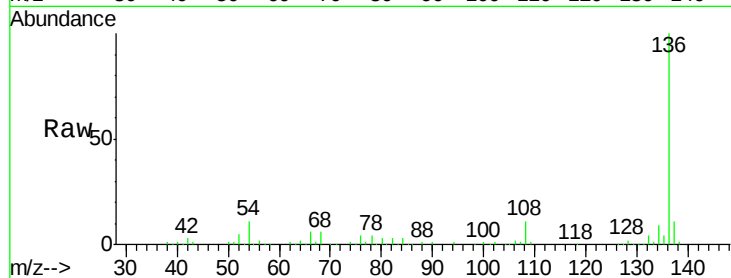




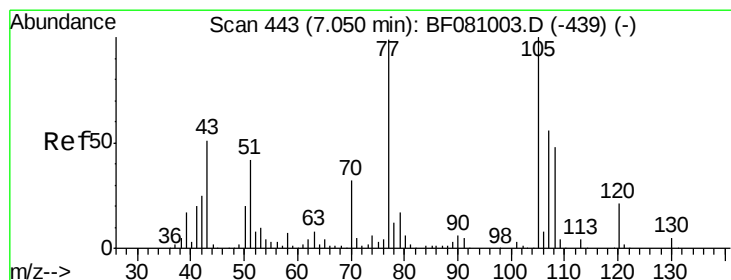
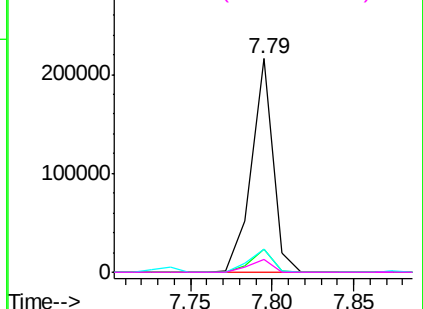
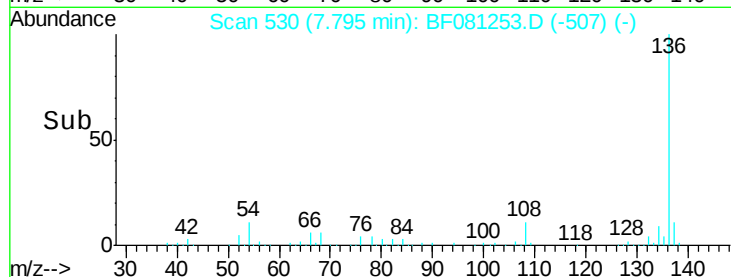
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 530
Delta R.T. -0.04 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	198307
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.2 12.2
54	11.0	7.7 11.5
68	5.9	3.4 5.2#

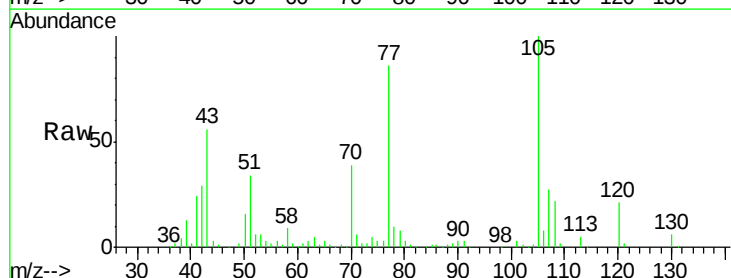


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

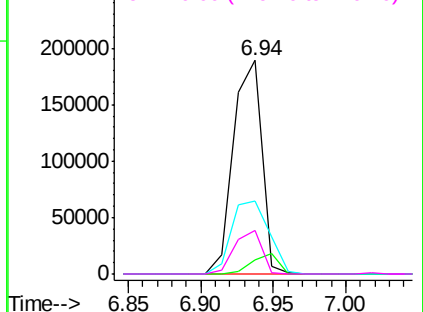
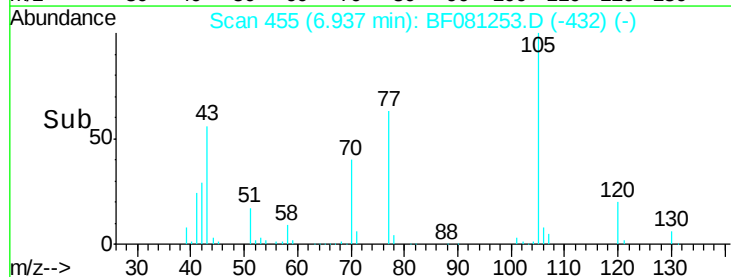


#22
Acetophenone
Concen: 49.51 ng
RT: 6.94 min Scan# 455
Delta R.T. -0.04 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion:105	Resp:	257781
Ion Ratio	Lower	Upper
105	100	
71	6.4	3.0 4.6#
51	34.4	39.8 59.8#
120	20.6	15.8 23.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

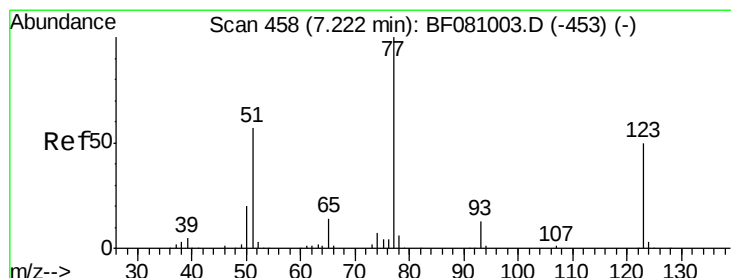
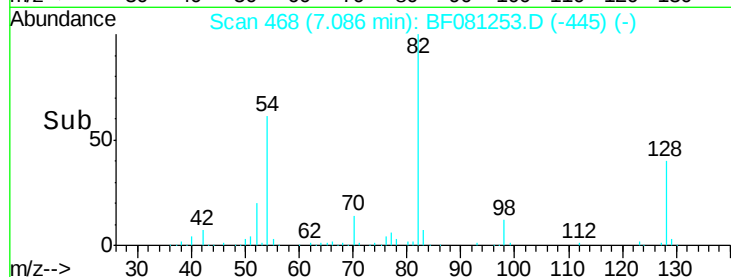
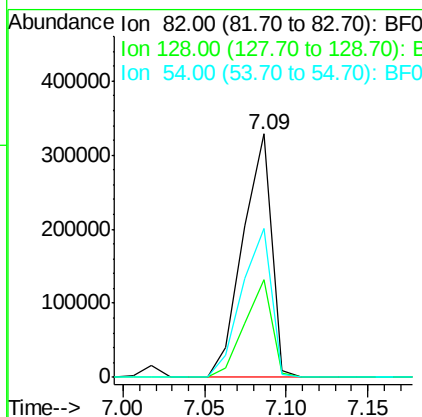
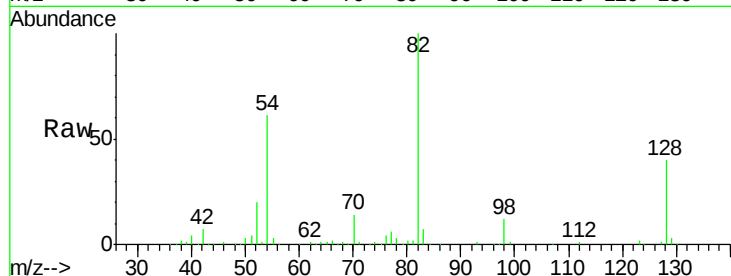




#23
Nitrobenzene-d5
Concen: 92.25 ng
RT: 7.09 min Scan# 468
Delta R.T. -0.04 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

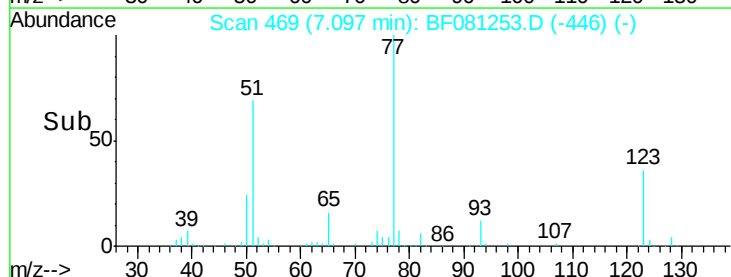
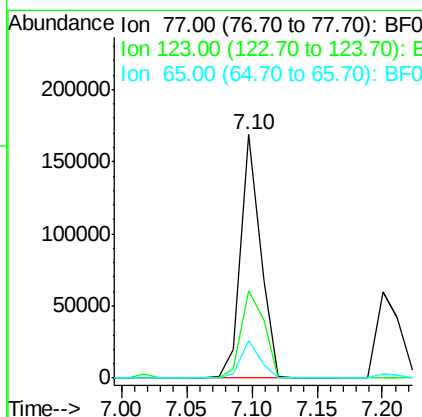
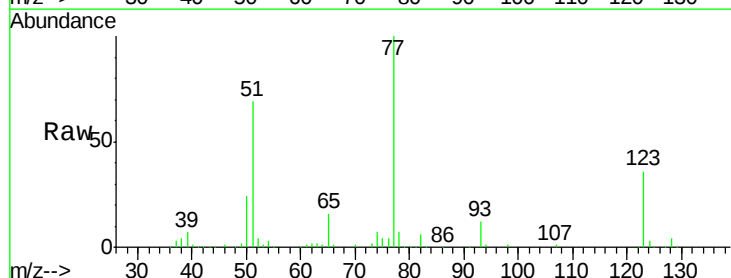
Instrument :
BNA_F
ClientSampleId :

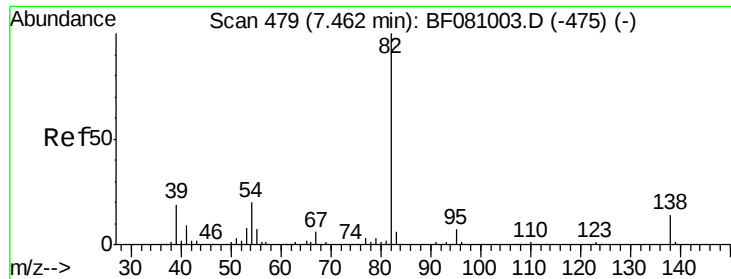
Tot Ion	82	Resp	400462
Ion Ratio	100	Lower	Upper
128	40.0	28.6	42.8
54	61.1	55.1	82.7



#24
Nitrobenzene
Concen: 39.11 ng
RT: 7.10 min Scan# 469
Delta R.T. -0.04 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	77	Resp	177512
Ion Ratio	100	Lower	Upper
123	35.9	32.9	49.3
65	15.7	12.5	18.7





#25

Isophorone

Concen: 46.41 ng

RT: 7.35 min Scan# 491

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

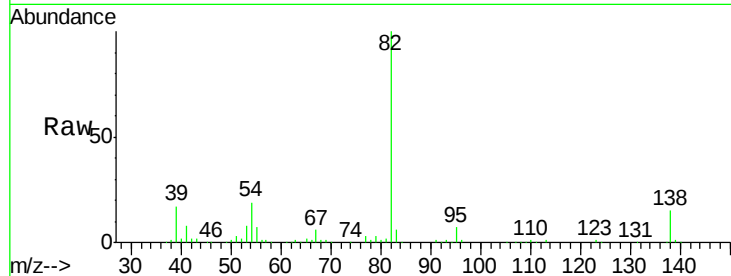
Tot Ion: 82 Resp: 375693

Ion Ratio Lower Upper

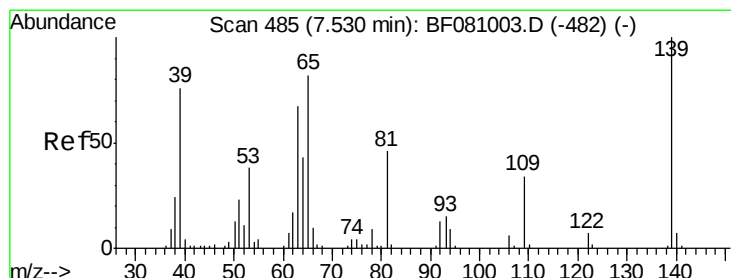
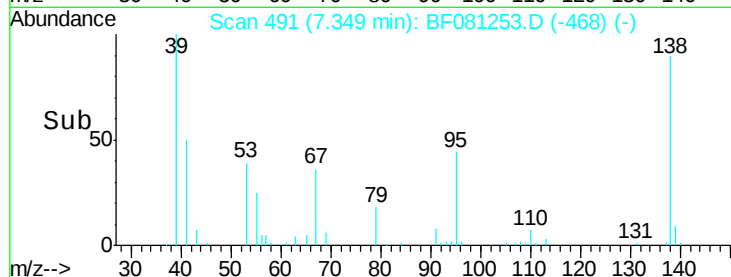
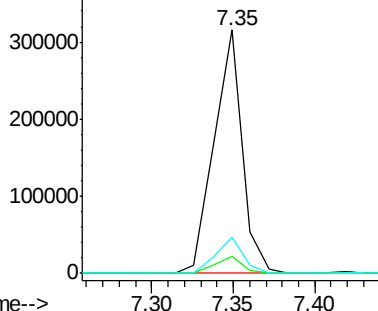
82 100

95 7.1 6.2 9.2

138 14.7 10.5 15.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.56 ng

RT: 7.42 min Scan# 497

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

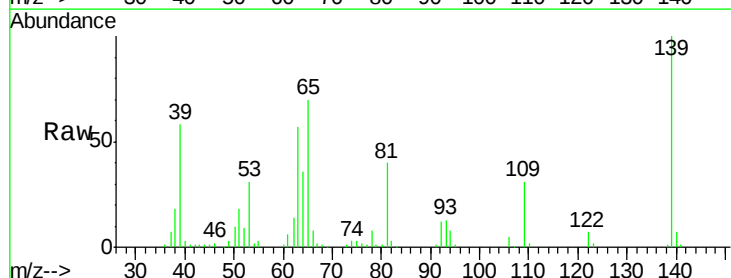
Tgt Ion: 139 Resp: 87896

Ion Ratio Lower Upper

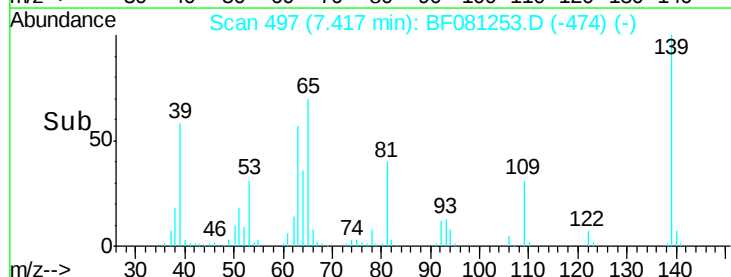
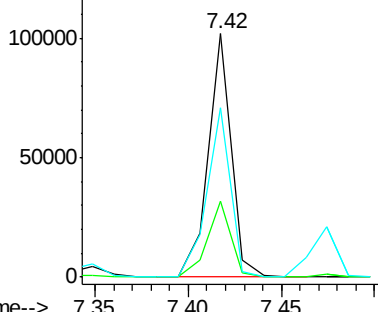
139 100

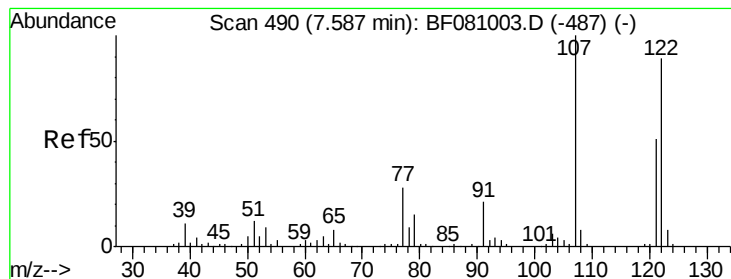
109 31.2 32.1 48.1#

65 69.7 69.9 104.9#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

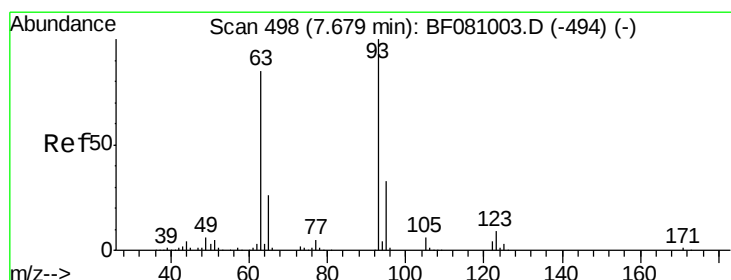
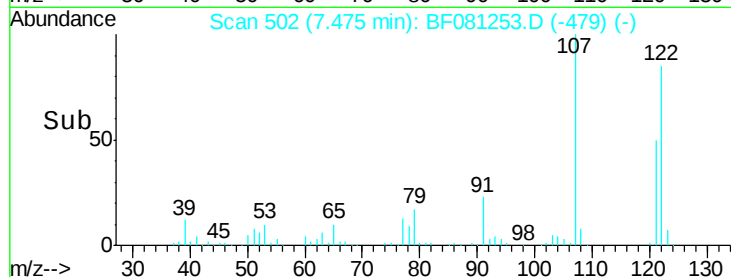
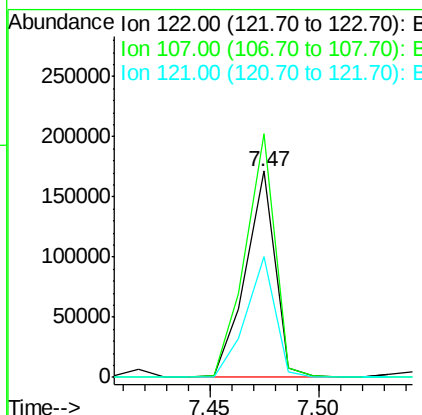
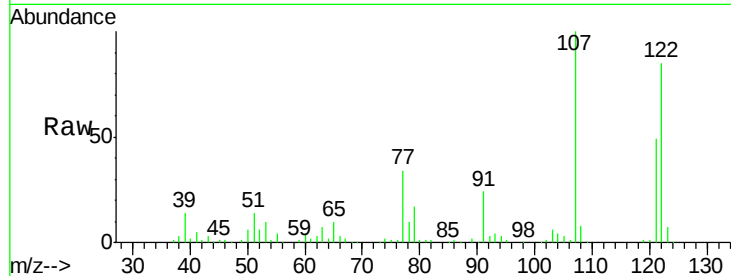




#27
 2,4-Dimethylphenol
 Concen: 49.06 ng
 RT: 7.47 min Scan# 502
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

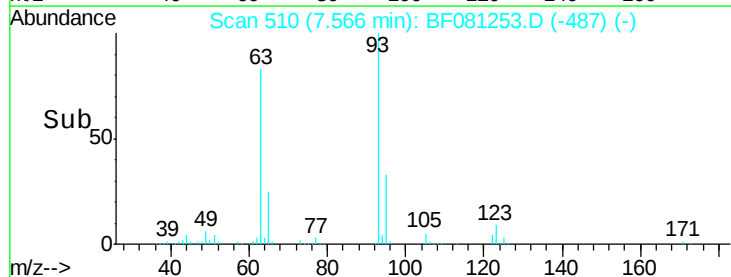
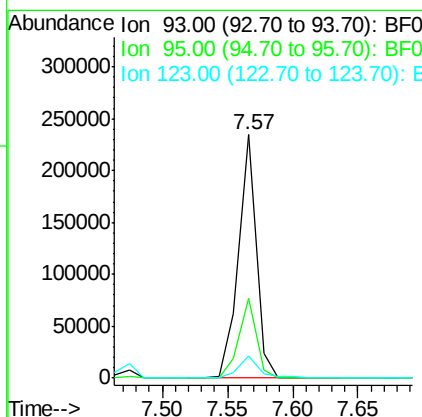
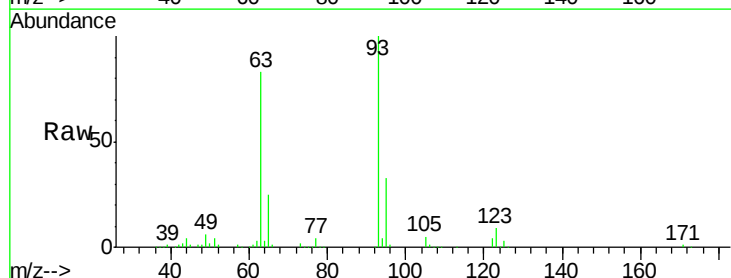
Instrument :
 BNA_F
 ClientSampleId :

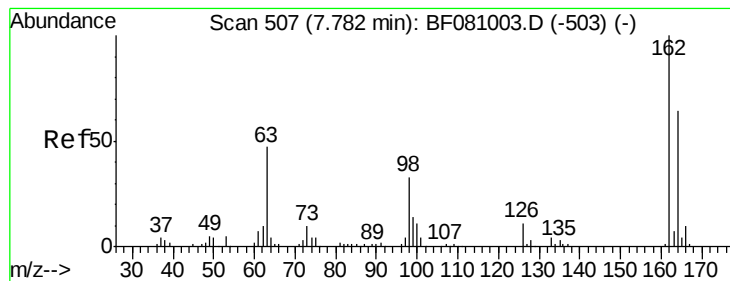
Tot Ion:122 Resp: 163828
 Ion Ratio Lower Upper
 122 100
 107 118.2 103.8 155.6
 121 58.3 47.0 70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.31 ng
 RT: 7.57 min Scan# 510
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion: 93 Resp: 221458
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.8 38.8
 123 9.4 7.4 11.0

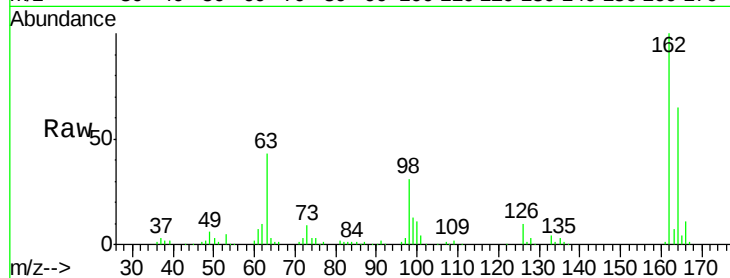




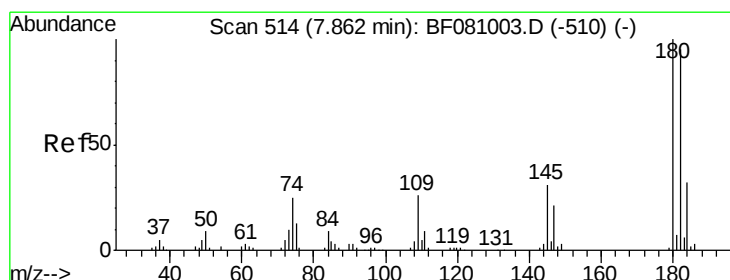
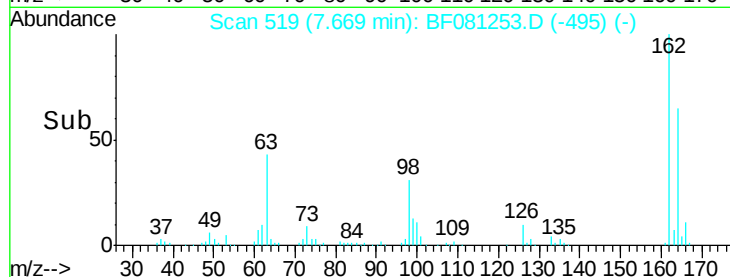
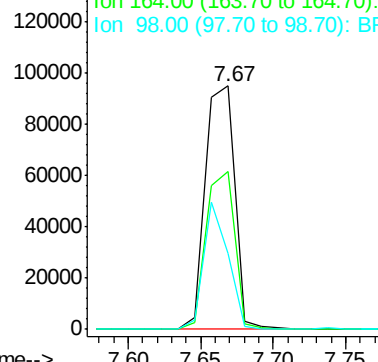
#29
 2,4-Dichlorophenol
 Concen: 47.43 ng
 RT: 7.67 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 133349
 Ion Ratio Lower Upper
 162 100
 164 64.7 43.2 83.2
 98 31.3 12.3 52.3

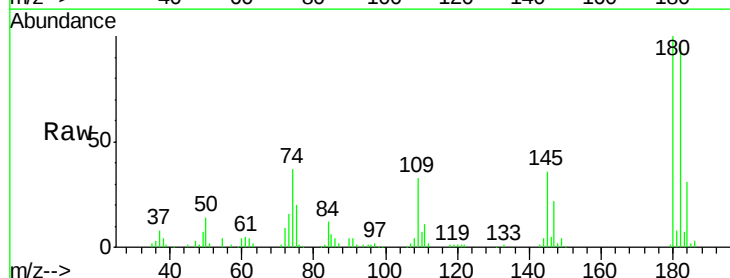


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

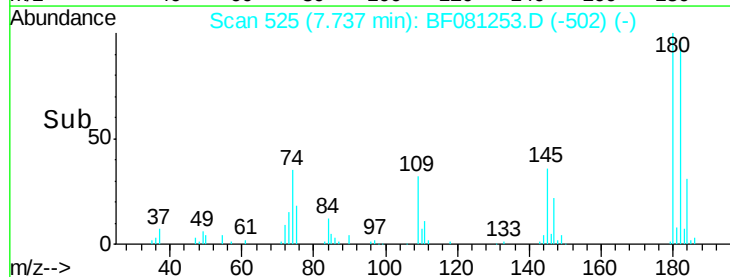
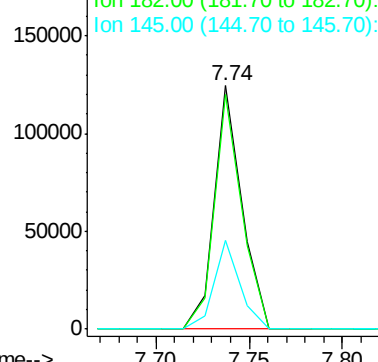


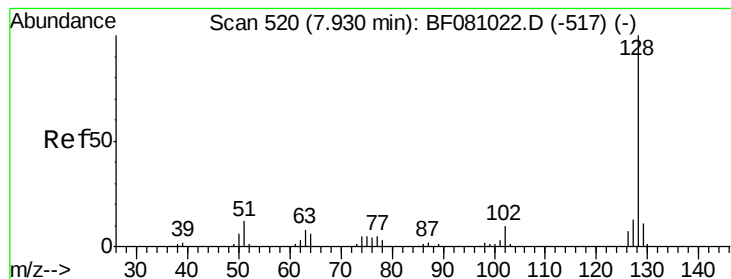
#30
 1,2,4-Trichlorobenzene
 Concen: 40.97 ng
 RT: 7.74 min Scan# 525
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion:180 Resp: 128020
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.4 114.6
 145 36.4 25.4 38.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.20 ng

RT: 7.82 min Scan# 532

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

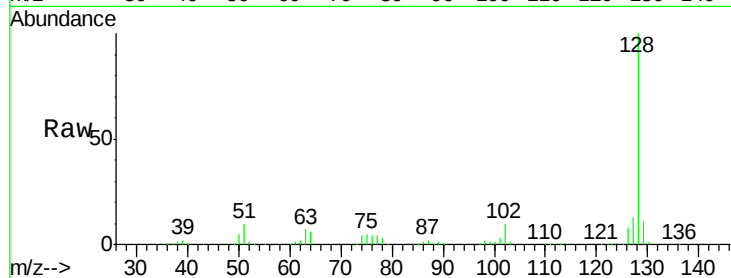
Tot Ion:128 Resp: 510728

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

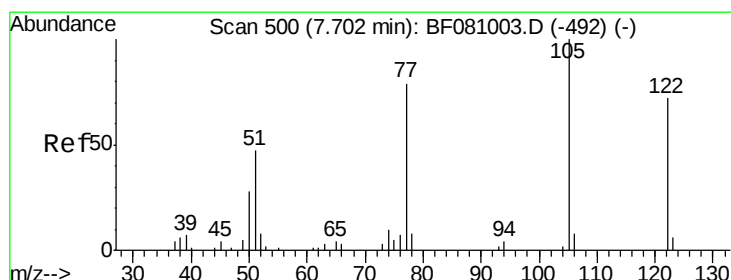
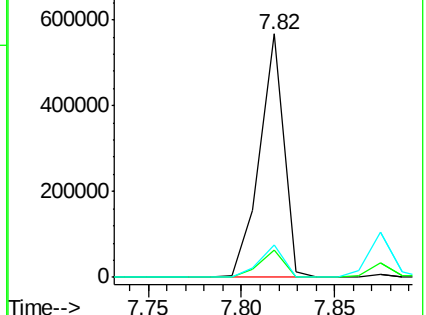
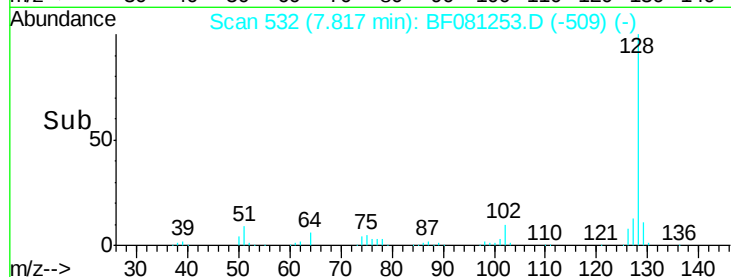
127 13.2 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.30 ng

RT: 7.60 min Scan# 513

Delta R.T. -0.05 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

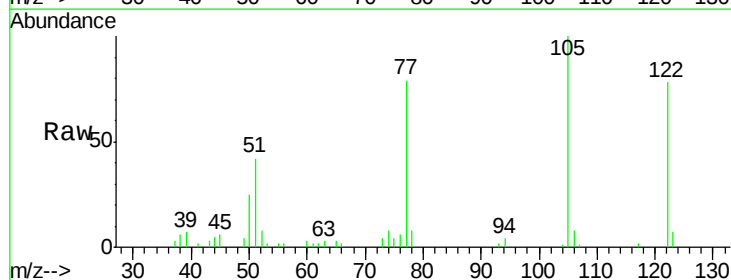
Tgt Ion:122 Resp: 51284

Ion Ratio Lower Upper

122 100

105 128.8 113.8 153.8

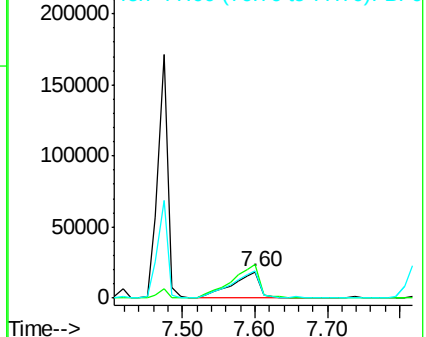
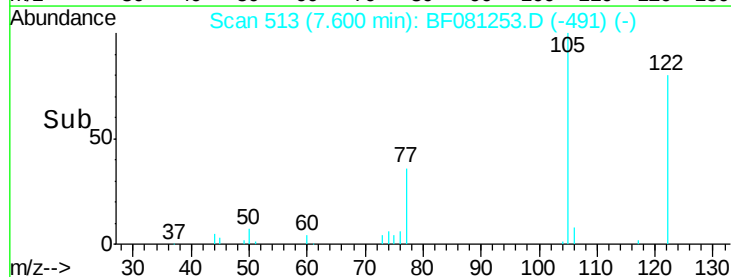
77 101.5 93.8 133.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

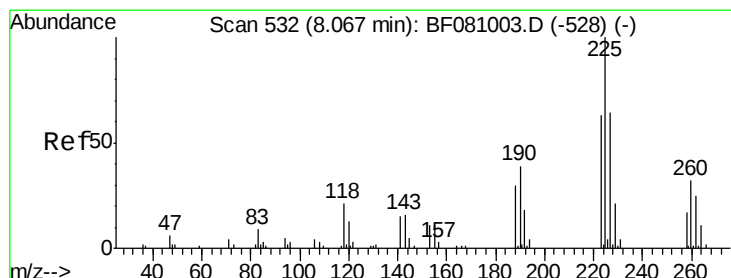
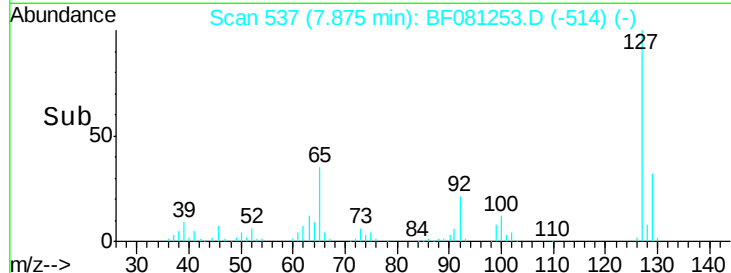
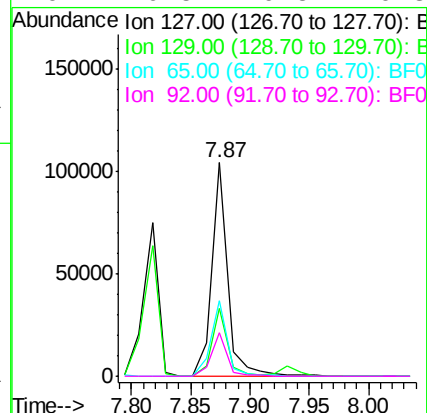
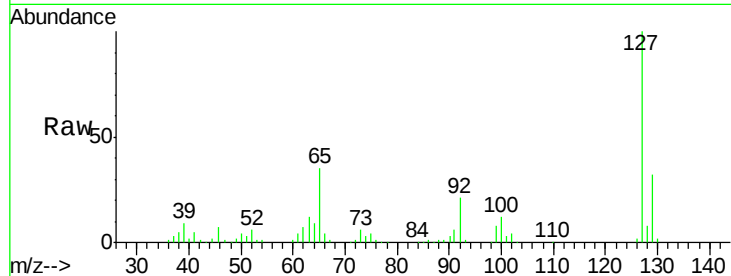




#33
4-Chloroaniline
Concen: 20.83 ng
RT: 7.87 min Scan# 537
Delta R.T. -0.04 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

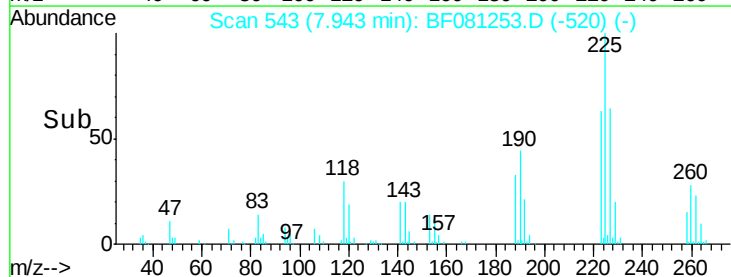
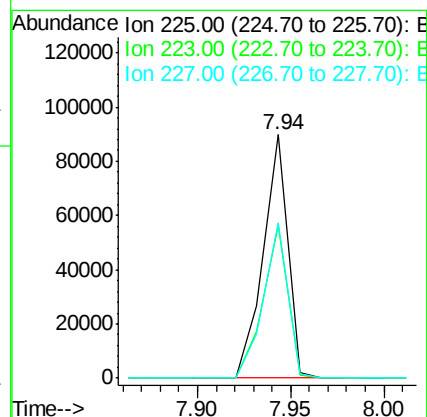
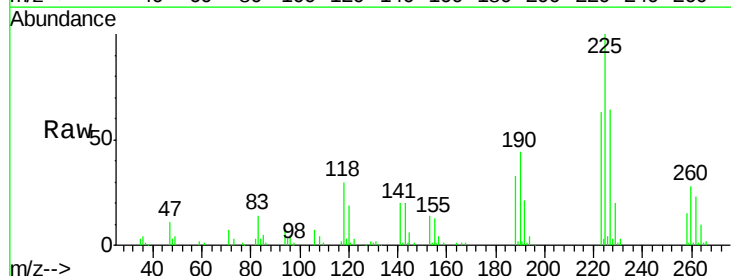
Instrument :
BNA_F
ClientSampleId :

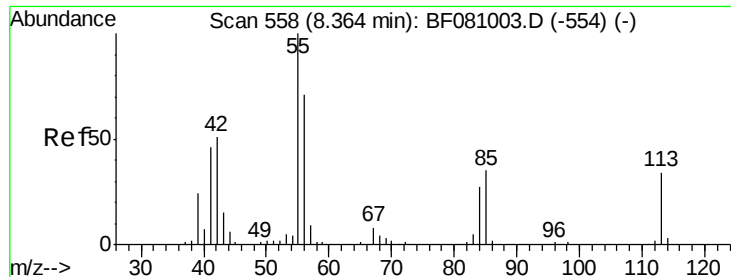
Tot Ion:127 Resp: 97144
Ion Ratio Lower Upper
127 100
129 32.0 25.2 37.8
65 35.5 37.8 56.6#
92 20.5 19.5 29.3



#34
Hexachlorobutadiene
Concen: 46.12 ng
RT: 7.94 min Scan# 543
Delta R.T. -0.04 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion:225 Resp: 81496
Ion Ratio Lower Upper
225 100
223 62.6 52.6 79.0
227 63.9 51.1 76.7

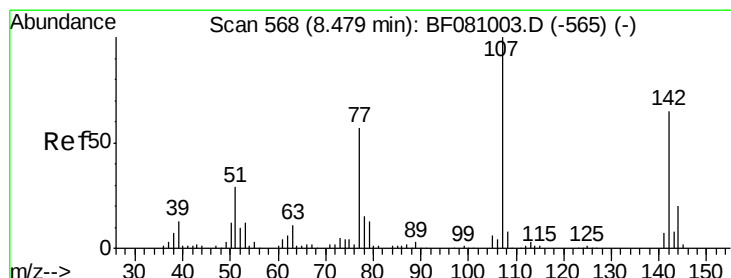
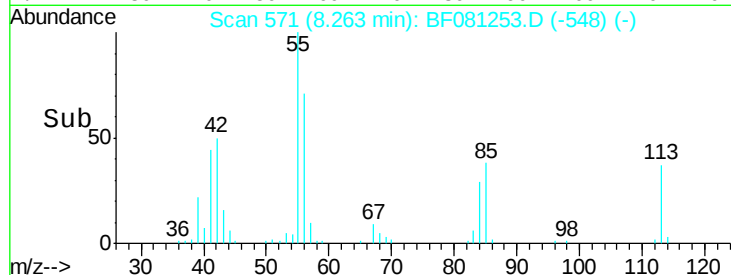
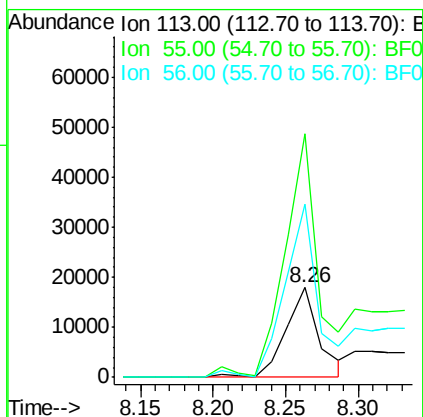
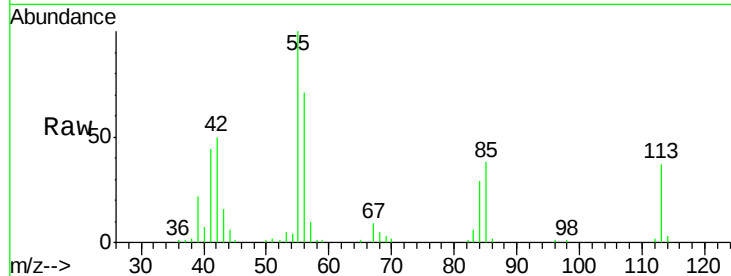




#35
 Caprolactam
 Concen: 29.14 ng
 RT: 8.26 min Scan# 571
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

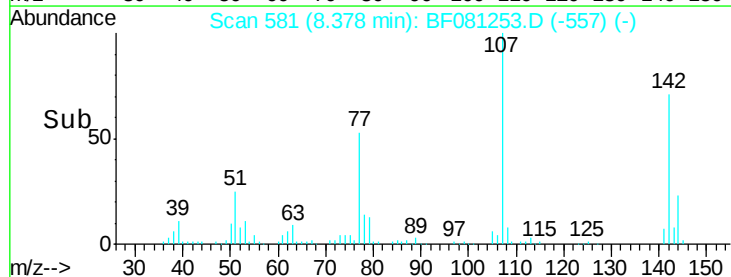
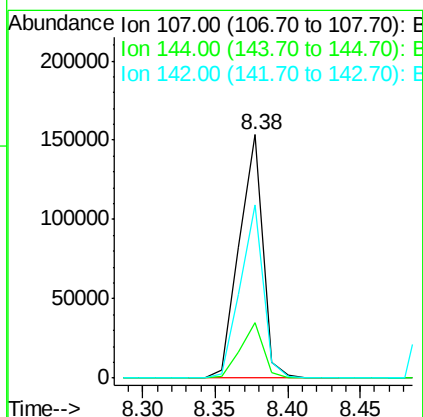
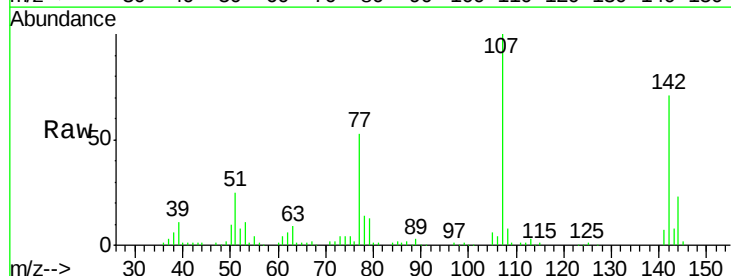
Instrument :
 BNA_F
 ClientSampleId :

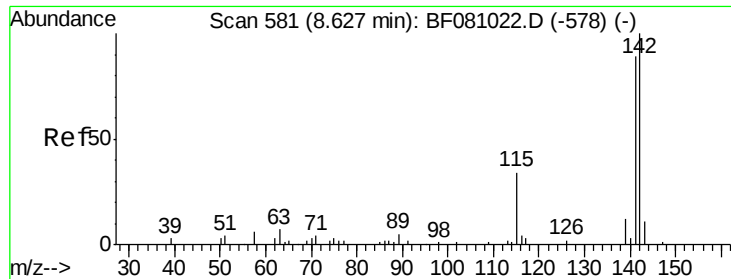
Tot Ion:113 Resp: 28633
 Ion Ratio Lower Upper
 113 100
 55 271.4 280.4 320.4#
 56 193.5 205.9 245.9#



#36
 4-Chloro-3-methylphenol
 Concen: 51.89 ng
 RT: 8.38 min Scan# 581
 Delta R.T. -0.02 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion:107 Resp: 173862
 Ion Ratio Lower Upper
 107 100
 144 22.7 17.2 25.8
 142 71.0 54.9 82.3

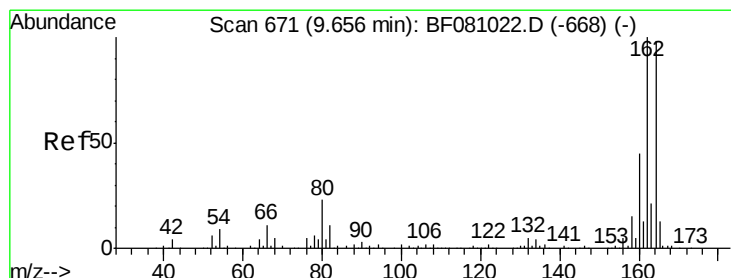
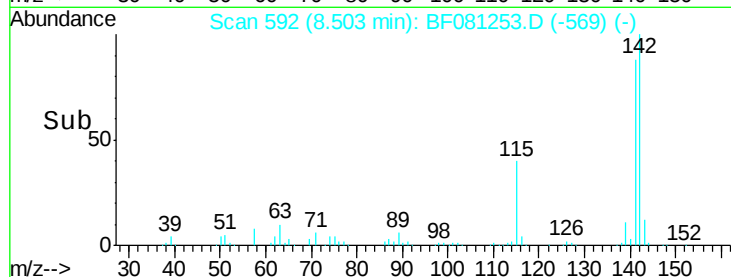
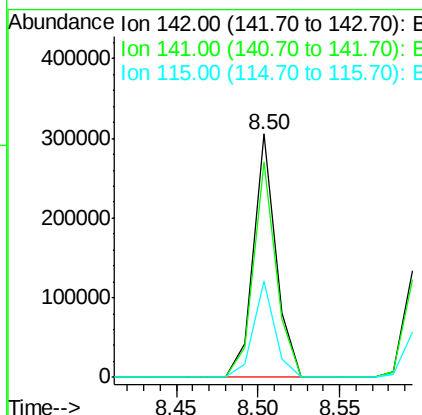
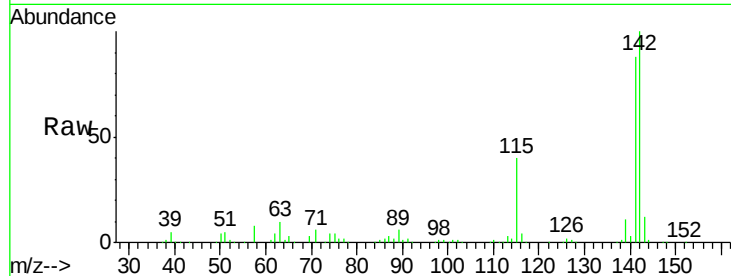




#37
 2-Methylnaphthalene
 Concen: 42.36 ng
 RT: 8.50 min Scan# 592
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

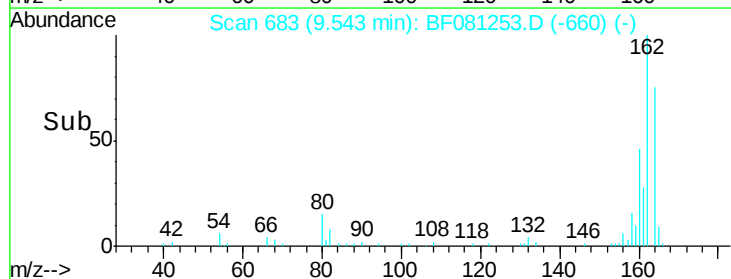
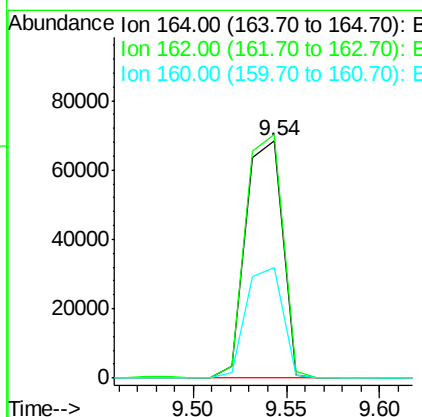
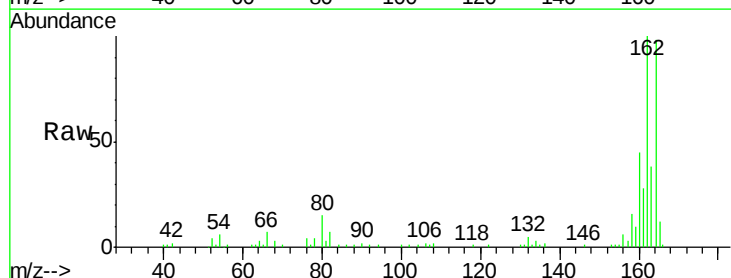
Instrument :
 BNA_F
 ClientSampleId :

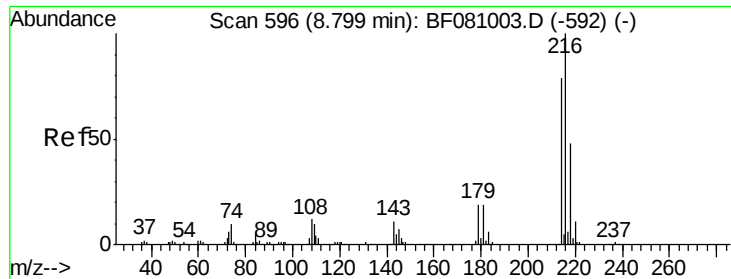
Tot Ion:142 Resp: 295801
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.4 107.2
 115 39.6 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion:164 Resp: 93497
 Ion Ratio Lower Upper
 164 100
 162 102.4 83.8 125.8
 160 46.4 39.8 59.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.34 ng

RT: 8.67 min Scan# 607

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 133742

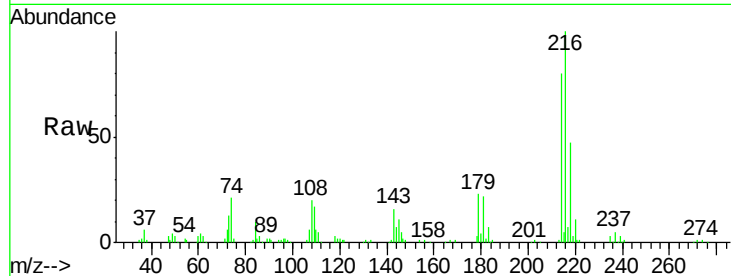
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.8

179 23.3 17.8 26.8

108 25.2 16.2 24.2#

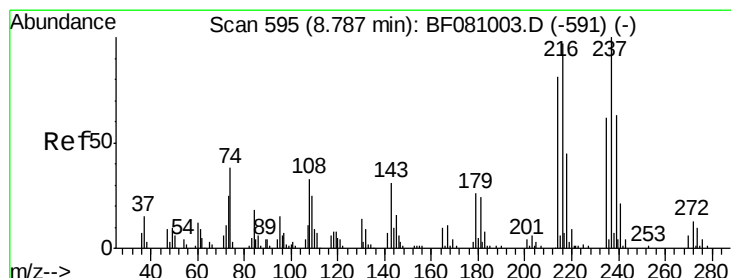
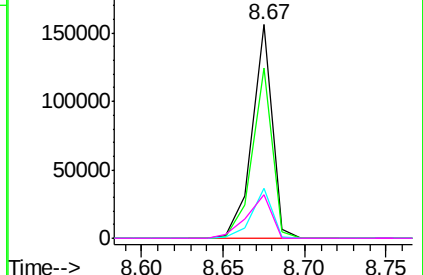
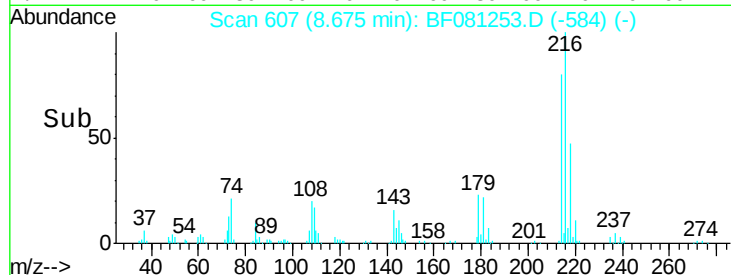


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 87.16 ng

RT: 8.66 min Scan# 606

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

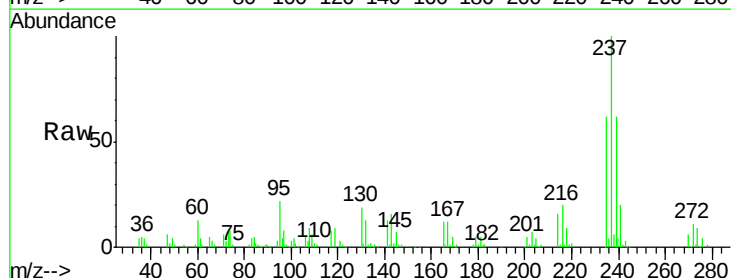
Tgt Ion:237 Resp: 136086

Ion Ratio Lower Upper

237 100

235 62.4 43.6 83.6

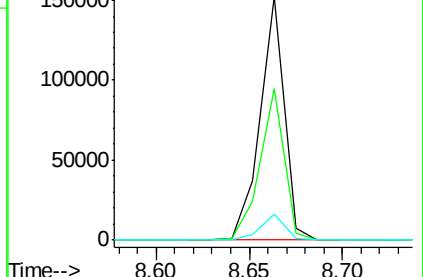
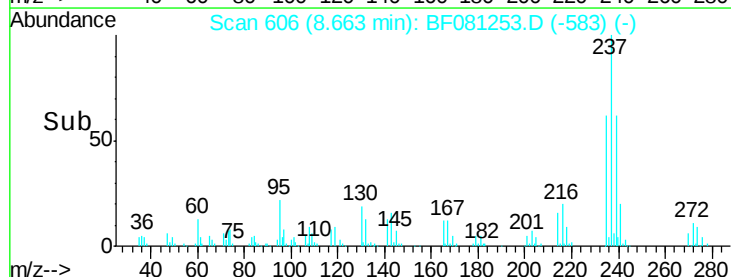
272 10.8 0.0 32.2

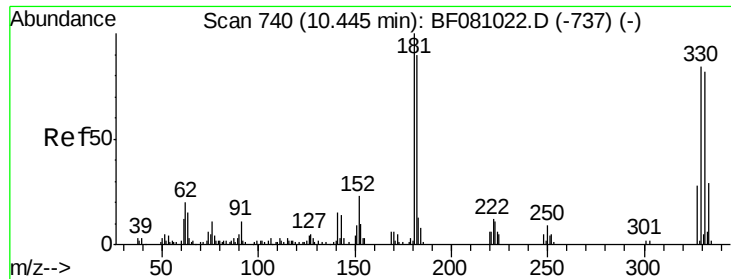


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

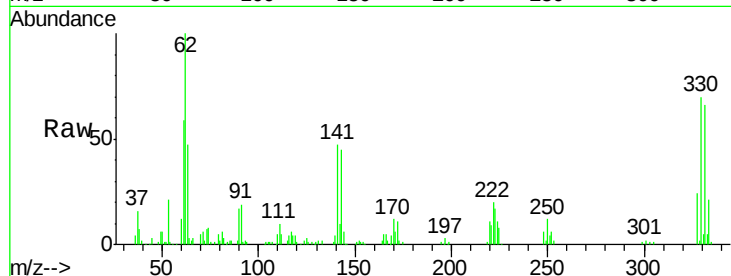




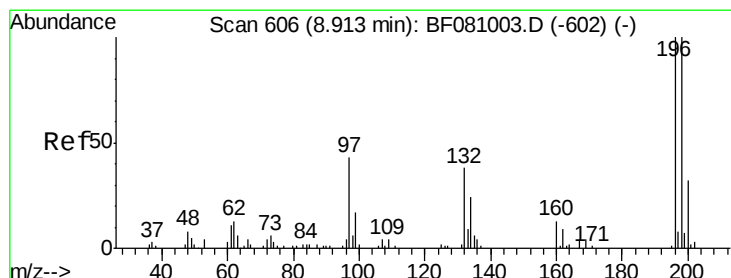
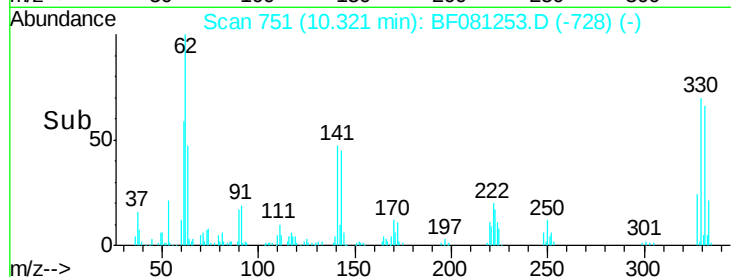
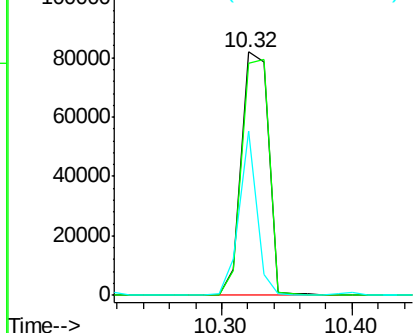
#41
 2,4,6-Tribromophenol
 Concen: 145.32 ng
 RT: 10.32 min Scan# 751
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 117779
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.3 115.9
 141 44.2 44.9 67.3#

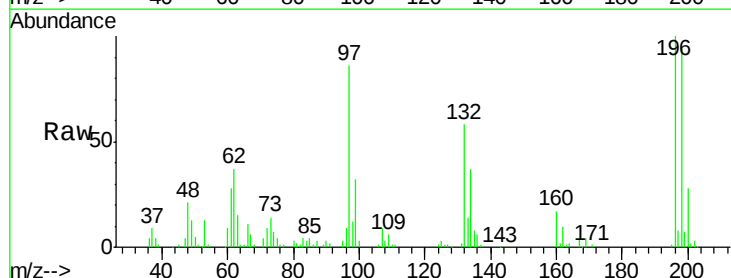


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

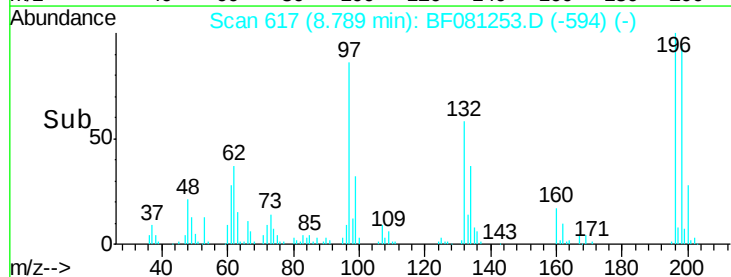
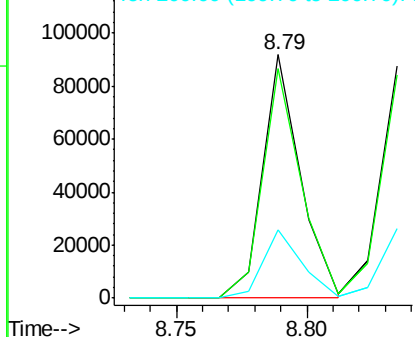


#42
 2,4,6-Trichlorophenol
 Concen: 42.72 ng
 RT: 8.79 min Scan# 617
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion:196 Resp: 91037
 Ion Ratio Lower Upper
 196 100
 198 94.2 74.6 111.8
 200 27.8 22.7 34.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

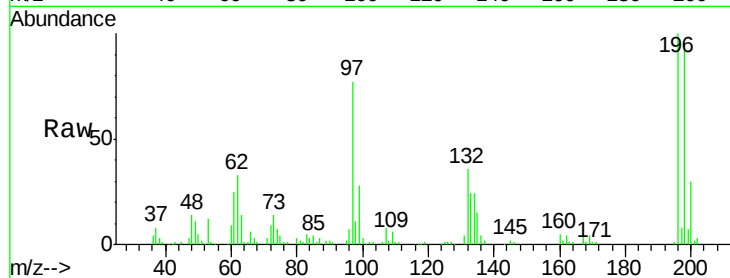




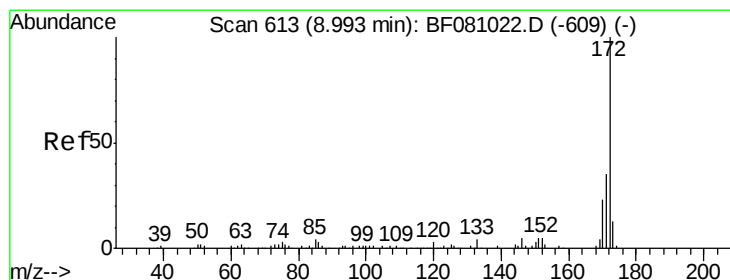
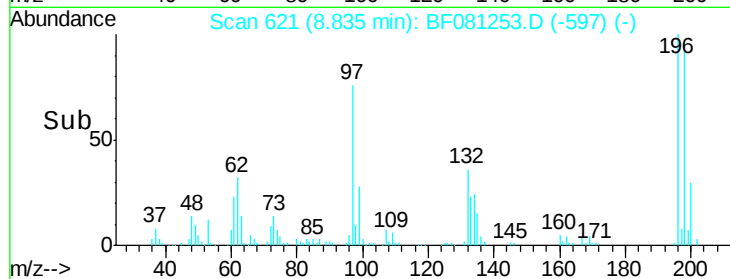
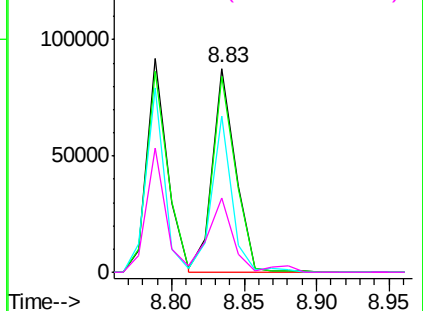
#43
 2,4,5-Trichlorophenol
 Concen: 45.67 ng
 RT: 8.83 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 97276
 Ion Ratio Lower Upper
 196 100
 198 95.9 78.3 117.5
 97 76.7 42.7 64.1#
 132 36.1 23.3 34.9#

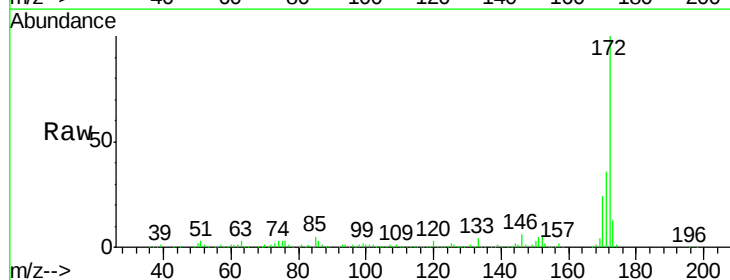


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

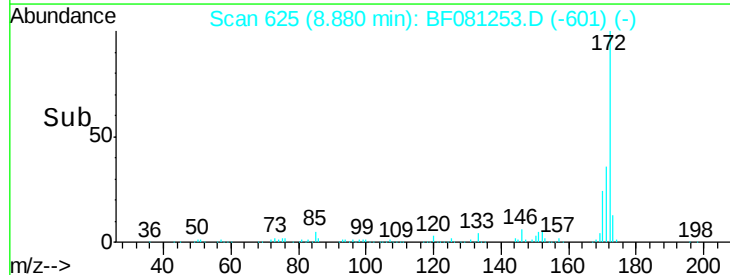
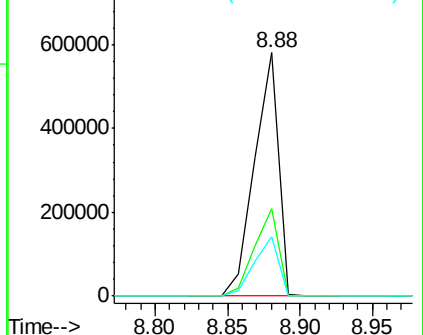


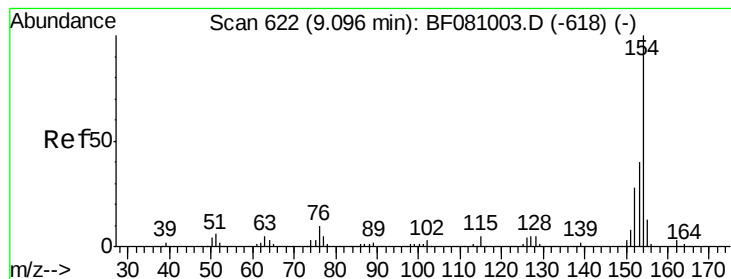
#44
 2-Fluorobiphenyl
 Concen: 93.10 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion:172 Resp: 664330
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 24.2 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.76 ng

RT: 8.97 min Scan# 633

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

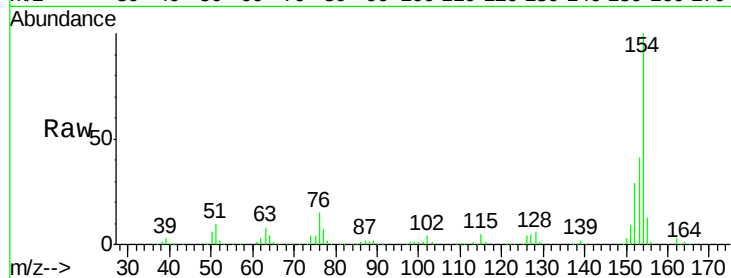
Tot Ion:154 Resp: 376866

Ion Ratio Lower Upper

154 100

153 40.6 19.5 59.5

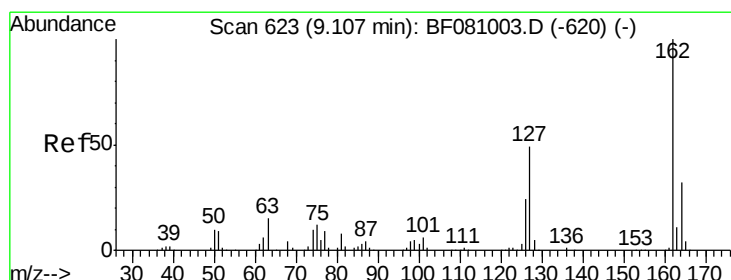
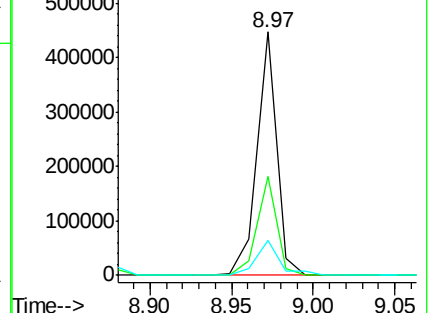
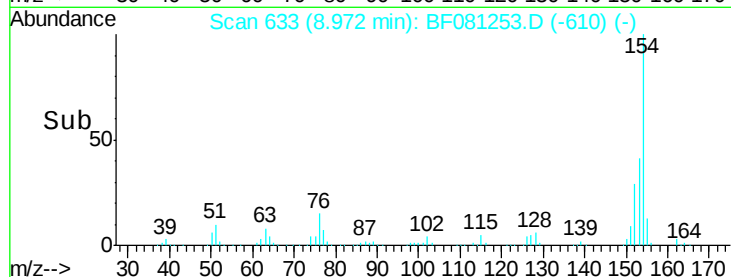
76 14.6 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.93 ng

RT: 8.99 min Scan# 635

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

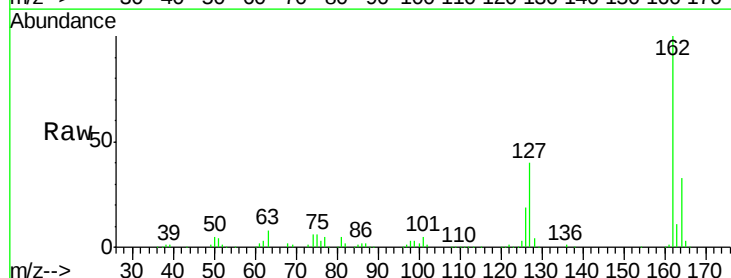
Tgt Ion:162 Resp: 303895

Ion Ratio Lower Upper

162 100

127 40.1 31.3 46.9

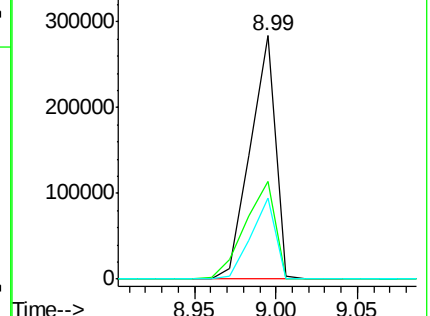
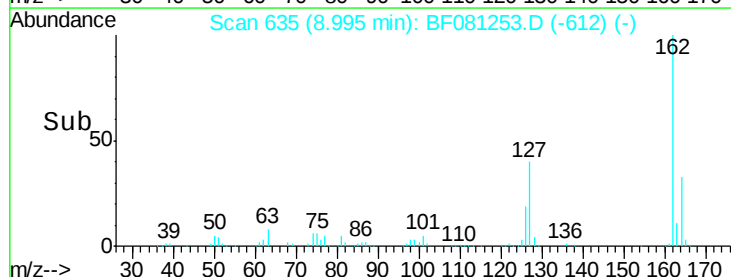
164 33.2 26.3 39.5

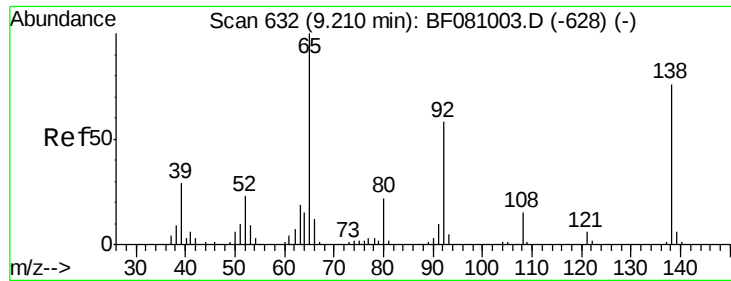


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

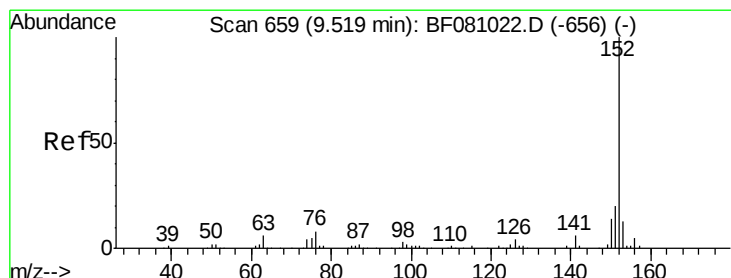
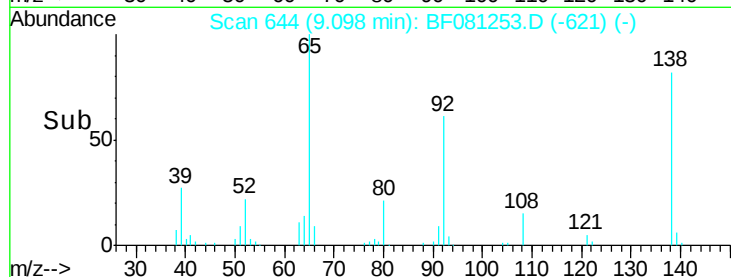
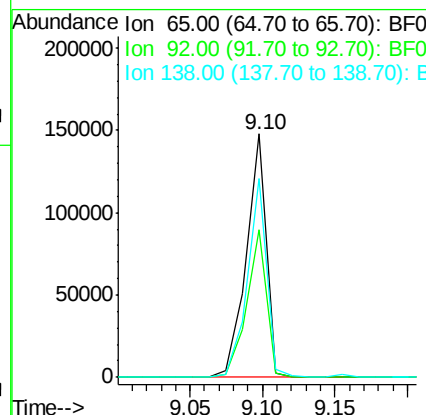
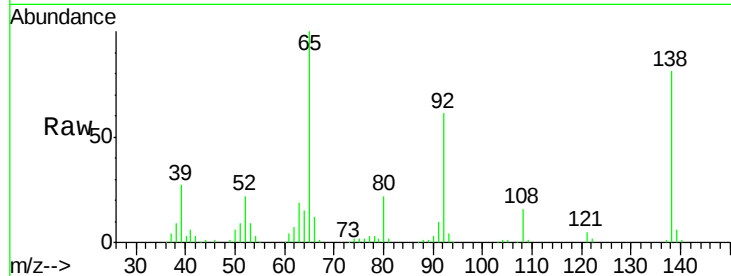




#47
 2-Nitroaniline
 Concen: 52.49 ng
 RT: 9.10 min Scan# 644
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

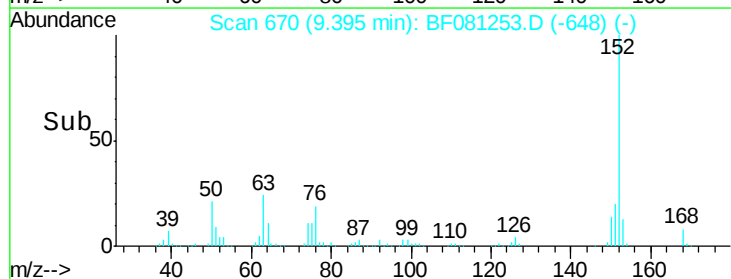
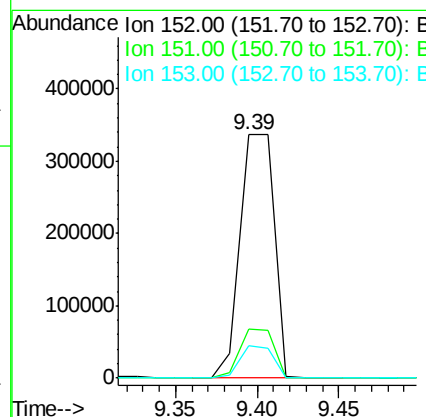
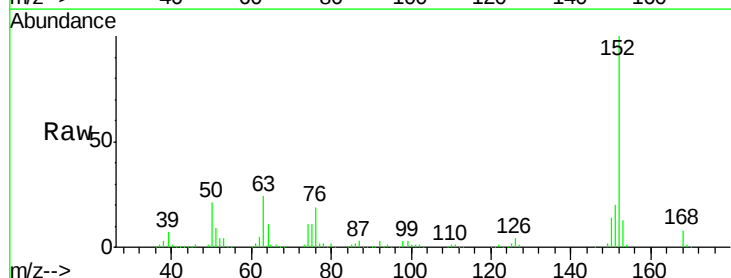
Instrument :
 BNA_F
 ClientSampleId :

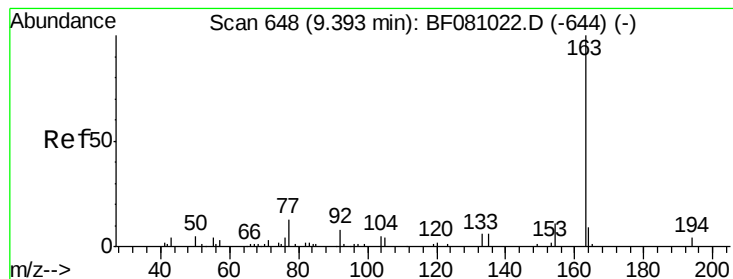
Tot Ion: 65 Resp: 142108
 Ion Ratio Lower Upper
 65 100
 92 60.8 45.6 68.4
 138 81.5 57.9 86.9



#48
 Acenaphthylene
 Concen: 41.24 ng
 RT: 9.39 min Scan# 670
 Delta R.T. -0.05 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion: 152 Resp: 488063
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.1 24.1
 153 13.4 9.8 14.6





#49

Dimethylphthalate

Concen: 57.09 ng

RT: 9.29 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

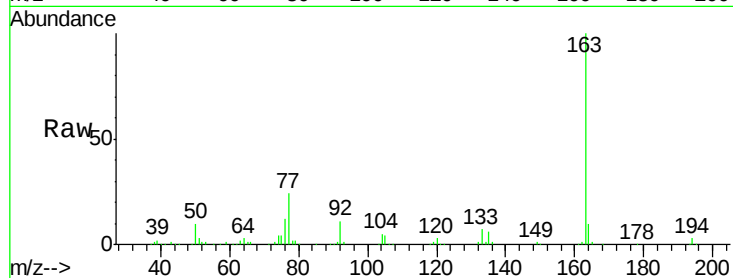
Tot Ion:163 Resp: 439597

Ion Ratio Lower Upper

163 100

194 3.1 2.5 3.7

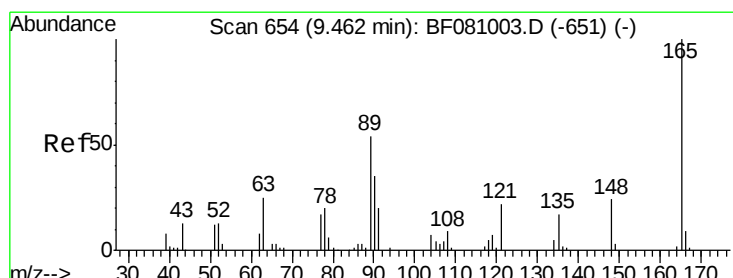
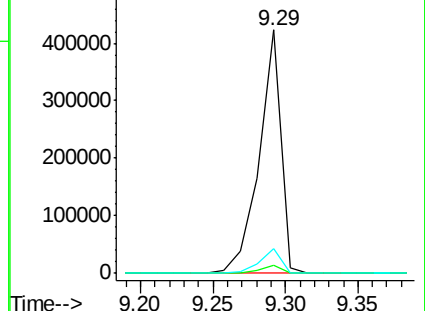
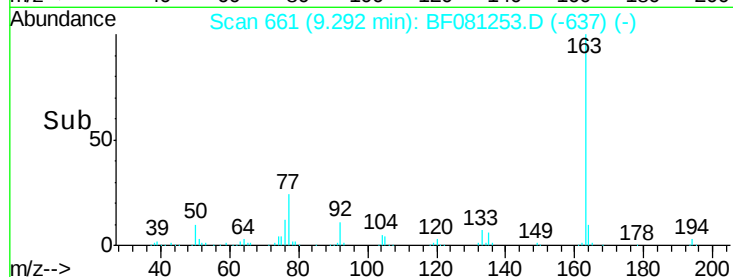
164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.39 ng

RT: 9.35 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

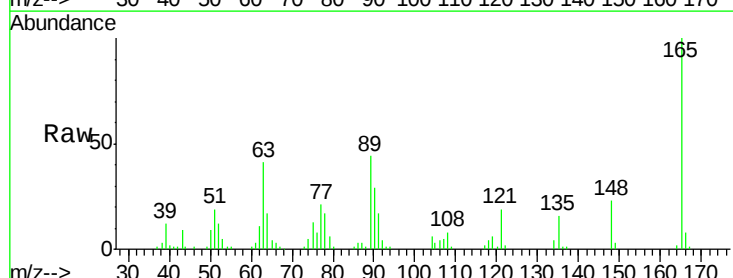
Tgt Ion:165 Resp: 84965

Ion Ratio Lower Upper

165 100

63 40.7 49.5 74.3#

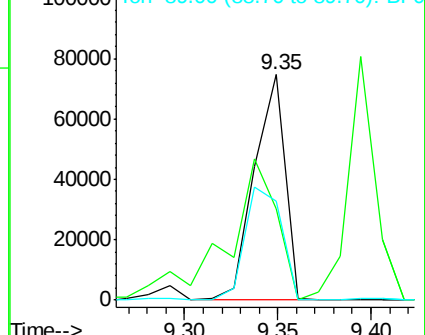
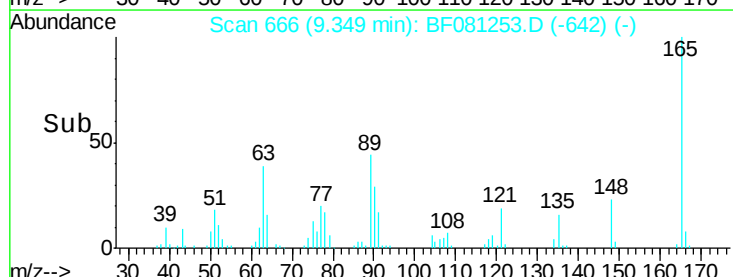
89 43.9 47.6 71.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.11 ng

RT: 9.58 min Scan# 686

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

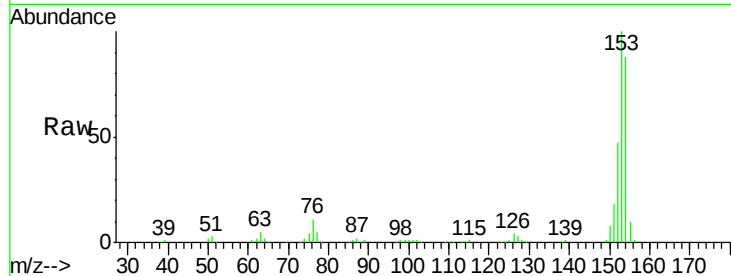
Tot Ion:154 Resp: 284180

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

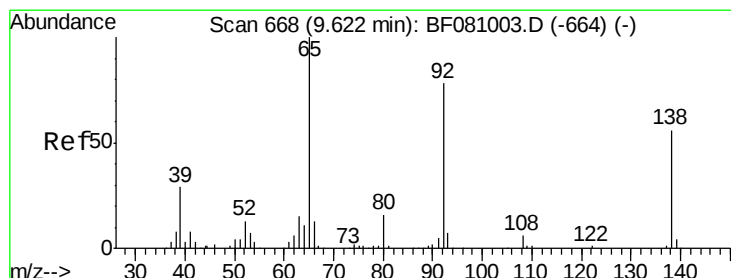
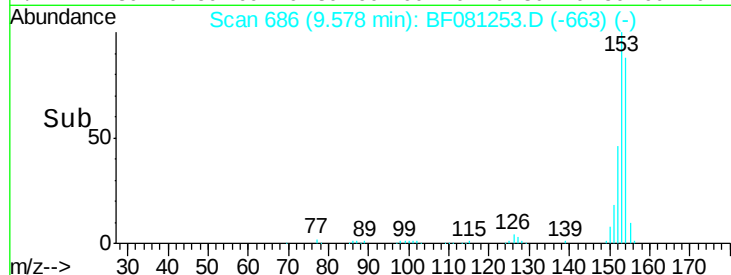
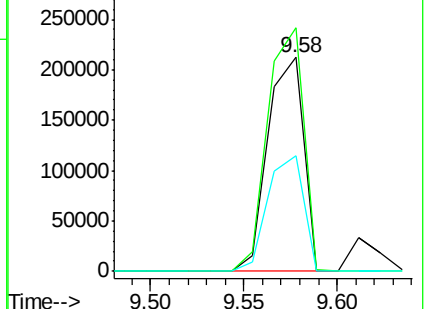
152 53.7 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.55 ng

RT: 9.51 min Scan# 680

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

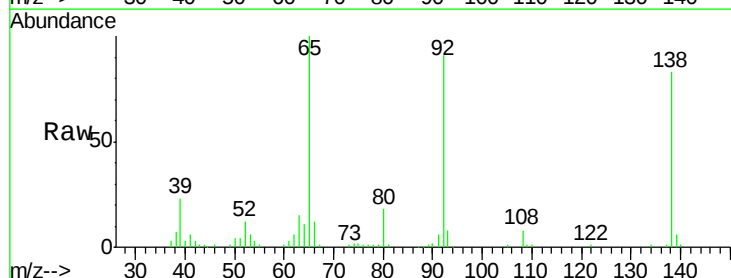
Tgt Ion:138 Resp: 67348

Ion Ratio Lower Upper

138 100

108 9.2 9.4 14.2#

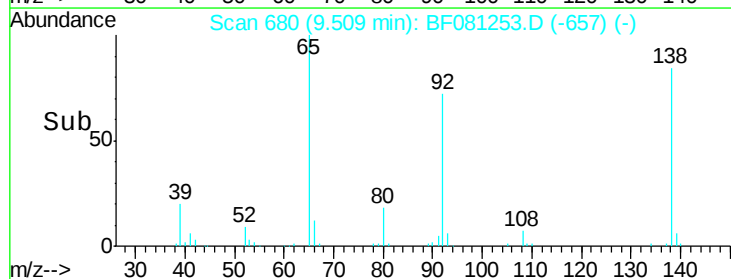
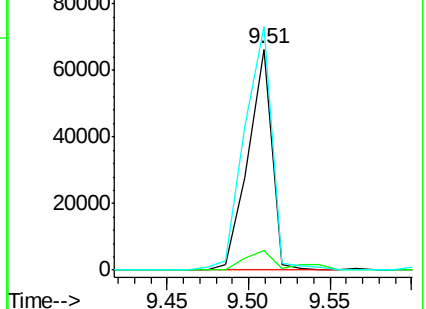
92 110.2 113.2 169.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

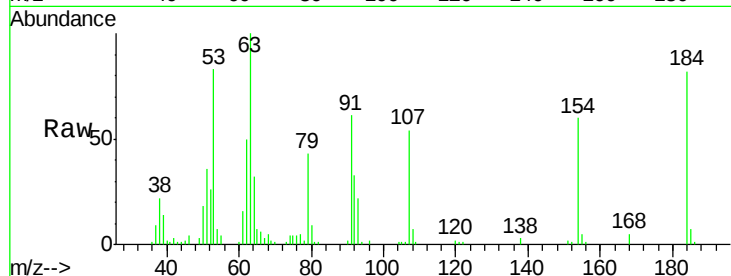




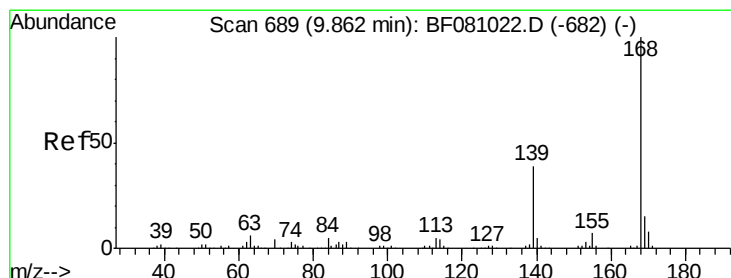
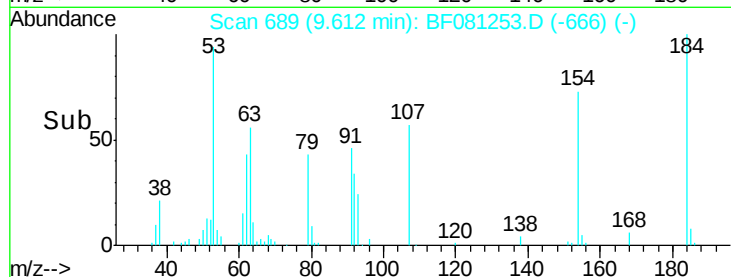
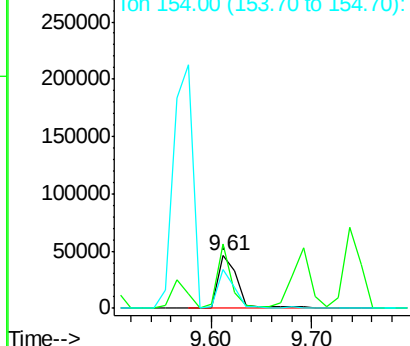
#53
2,4-Dinitrophenol
Concen: 68.48 ng
RT: 9.61 min Scan# 689
Delta R.T. -0.04 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 61042
Ion Ratio Lower Upper
184 100
63 121.6 101.7 152.5
154 73.0 67.4 101.0

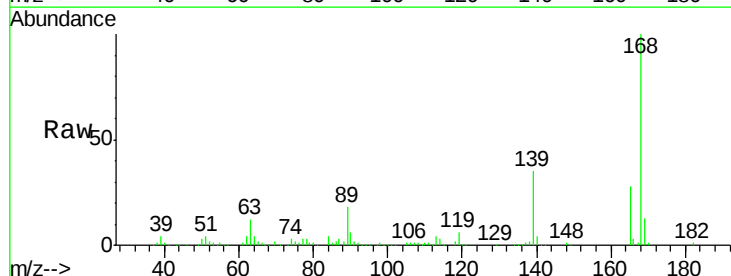


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

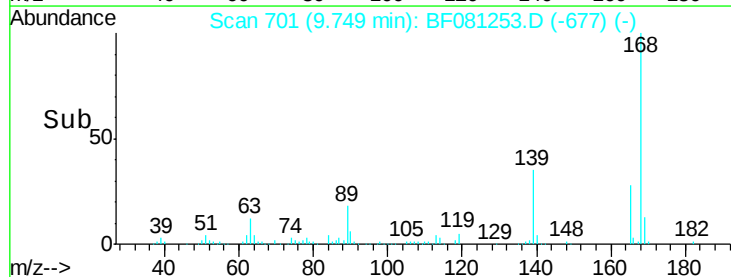
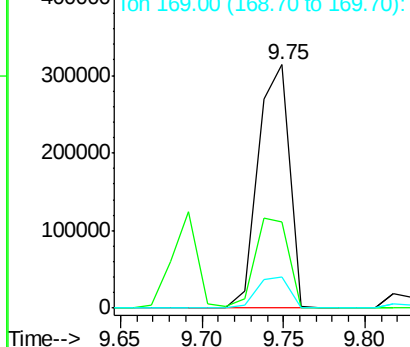


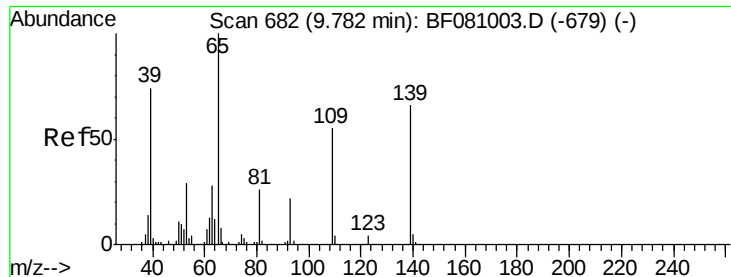
#54
Dibenzofuran
Concen: 43.87 ng
RT: 9.75 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion:168 Resp: 416521
Ion Ratio Lower Upper
168 100
139 35.2 29.3 43.9
169 12.9 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 92.58 ng

RT: 9.69 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

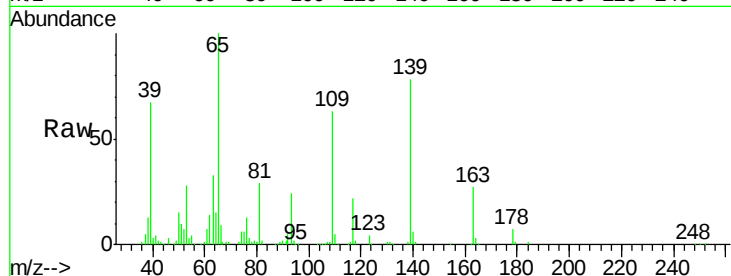
Tot Ion:139 Resp: 134520

Ion Ratio Lower Upper

139 100

109 80.2 80.0 120.0

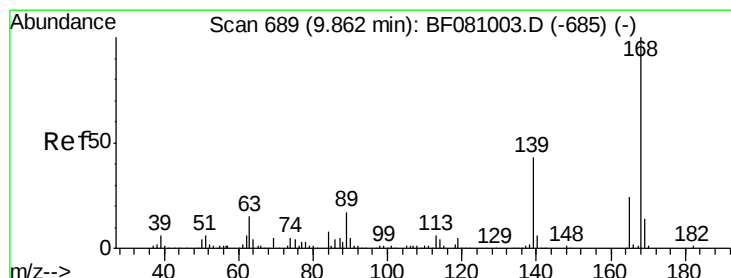
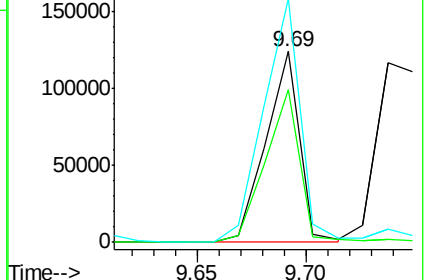
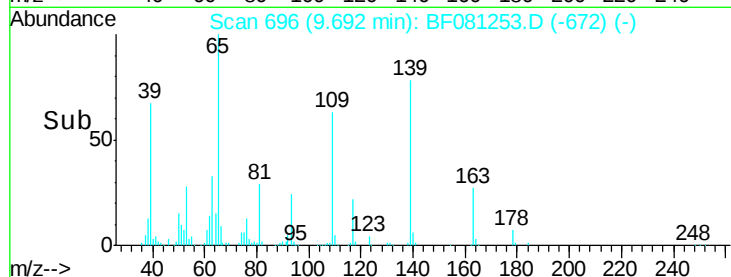
65 127.8 138.3 178.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.02 ng

RT: 9.75 min Scan# 701

Delta R.T. -0.02 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion:165 Resp: 107418

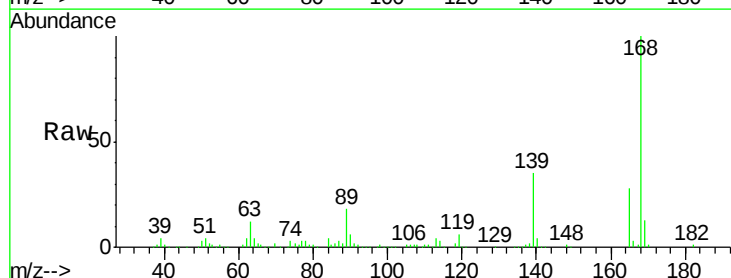
Ion Ratio Lower Upper

165 100

63 42.3 52.2 78.4#

89 63.5 60.1 90.1

182 2.2 1.8 2.6

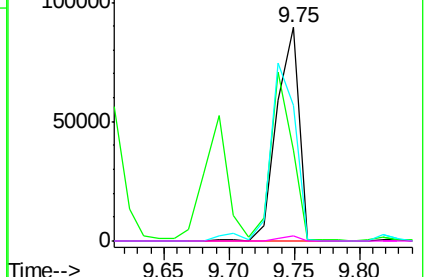
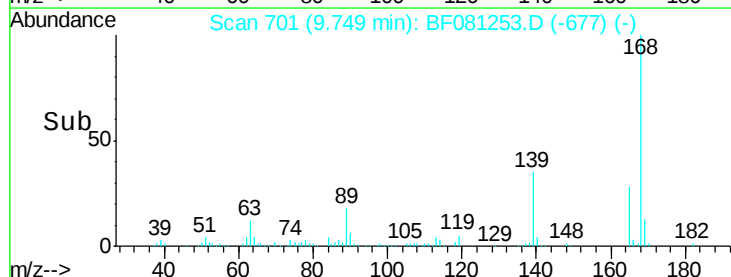


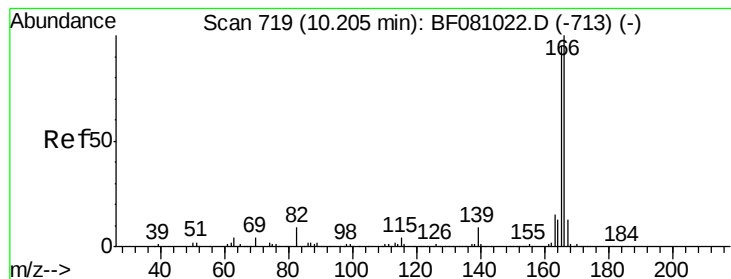
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.24 ng

RT: 10.08 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

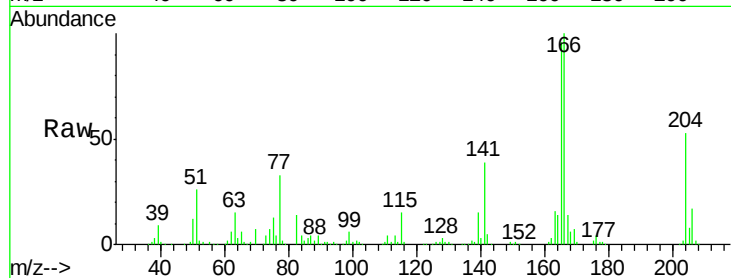
Tot Ion:166 Resp: 293920

Ion Ratio Lower Upper

166 100

165 96.2 75.8 113.8

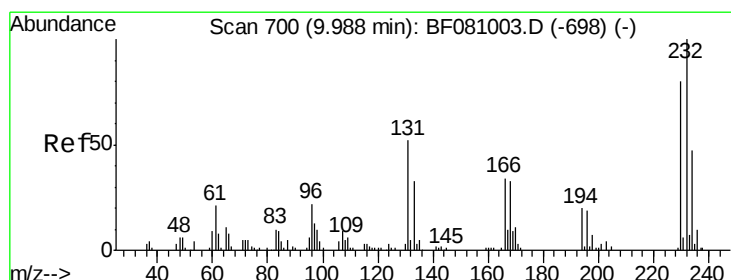
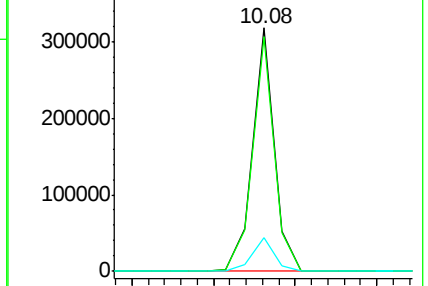
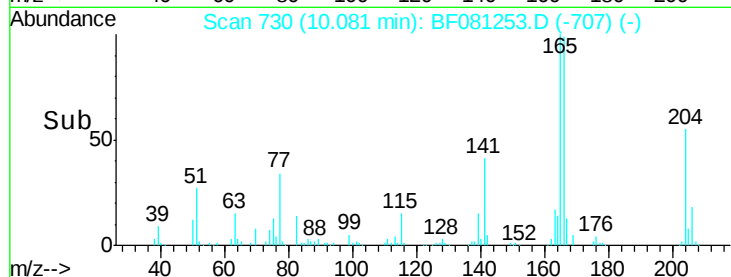
167 14.1 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.05 ng

RT: 9.86 min Scan# 711

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion:232 Resp: 77568

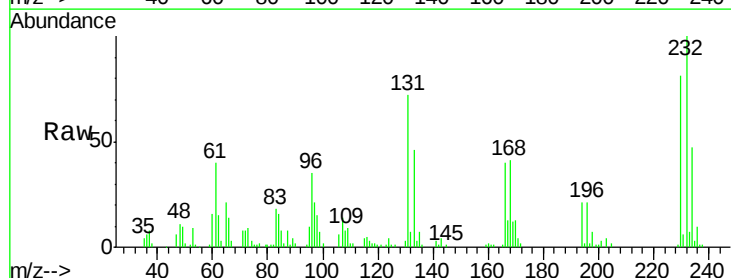
Ion Ratio Lower Upper

232 100

131 56.4 42.2 63.4

130 2.5 2.1 3.1

166 33.5 22.4 33.6

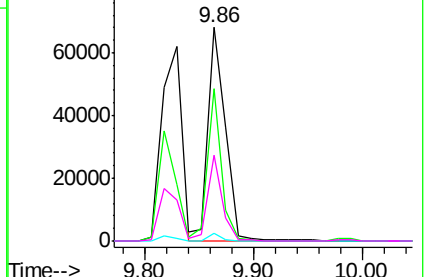
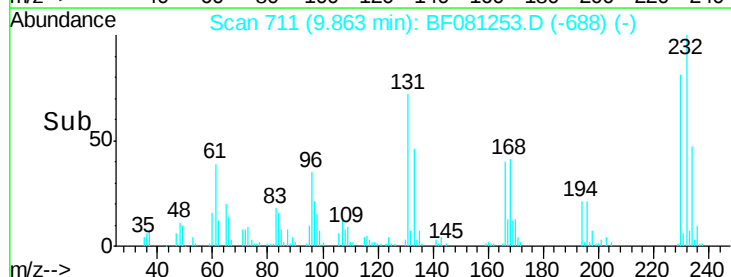


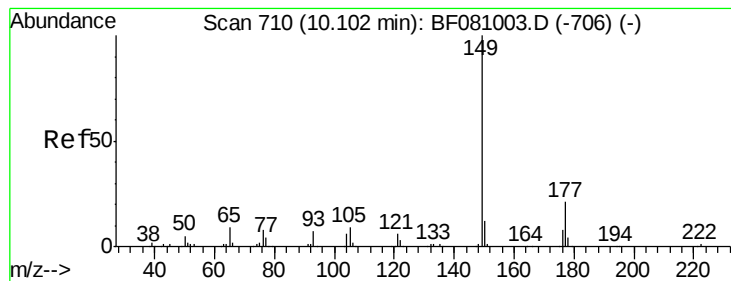
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.74 ng

RT: 9.98 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

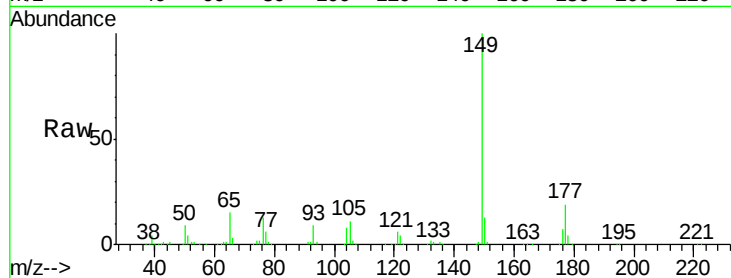
Tot Ion:149 Resp: 389106

Ion Ratio Lower Upper

149 100

177 18.5 14.1 21.1

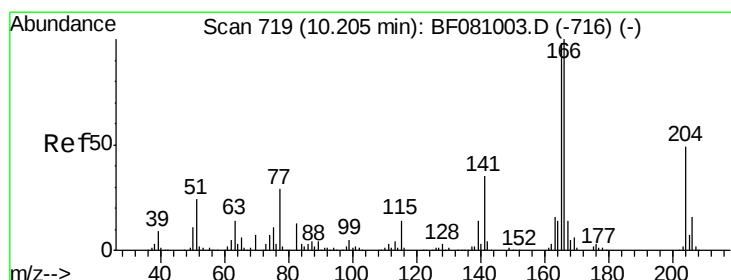
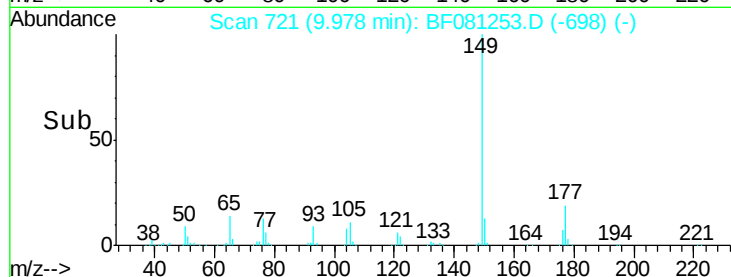
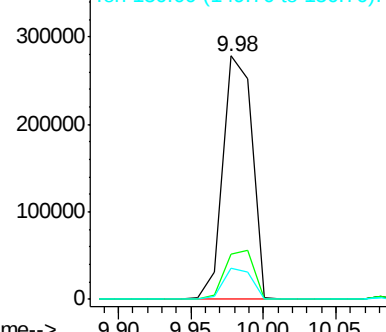
150 13.0 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.41 ng

RT: 10.08 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

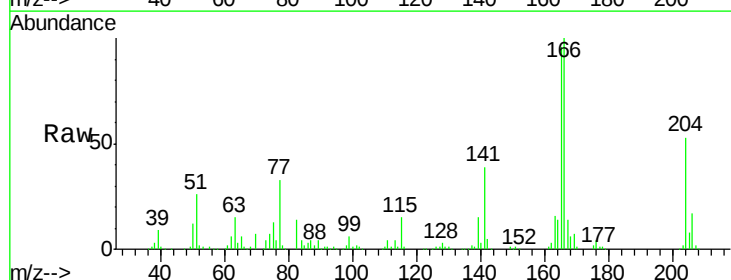
Tgt Ion:204 Resp: 140350

Ion Ratio Lower Upper

204 100

206 32.3 26.2 39.2

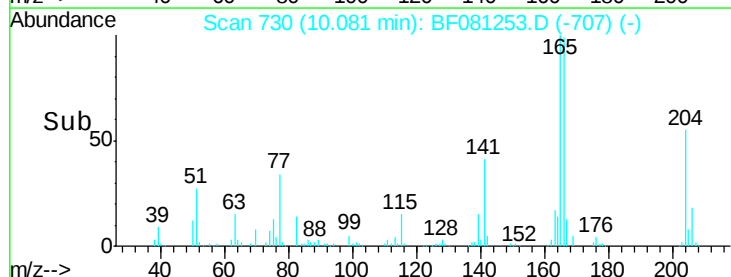
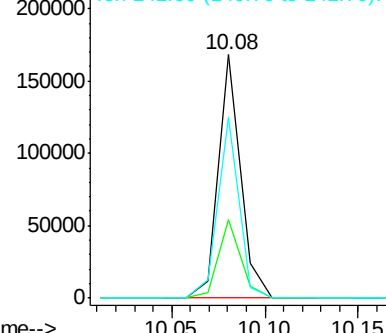
141 74.5 59.6 89.4

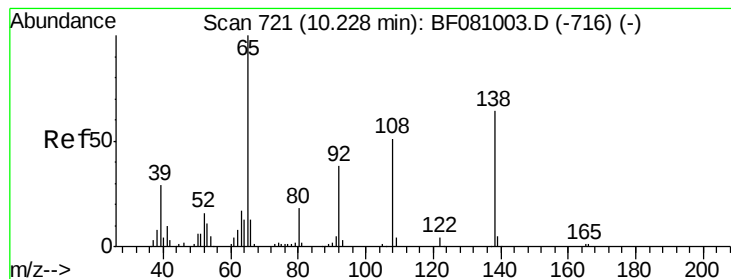


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.95 ng

RT: 10.13 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampled :

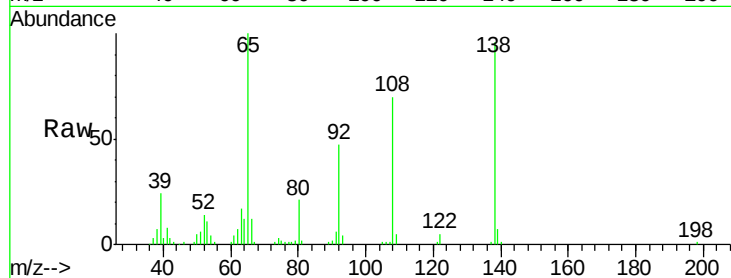
Tot Ion:138 Resp: 97156

Ion Ratio Lower Upper

138 100

92 48.9 34.7 74.7

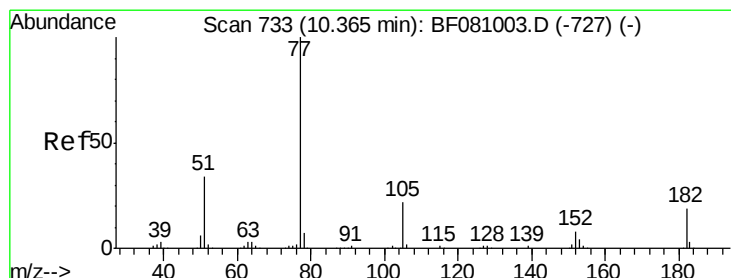
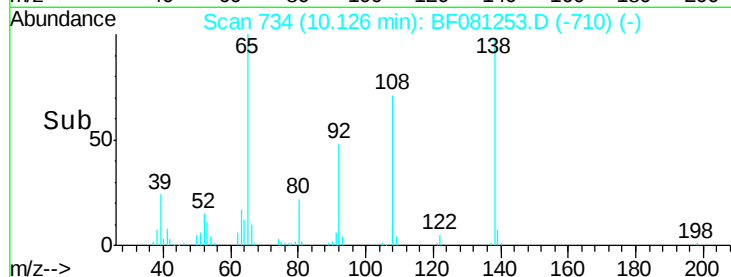
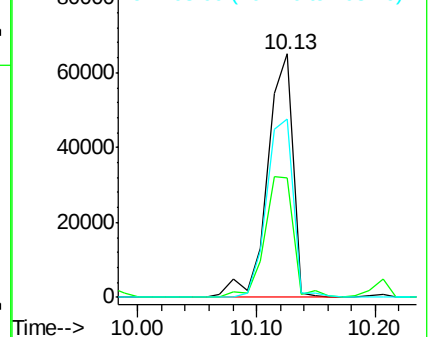
108 73.4 68.9 108.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.25 ng

RT: 10.24 min Scan# 744

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion: 77 Resp: 462500

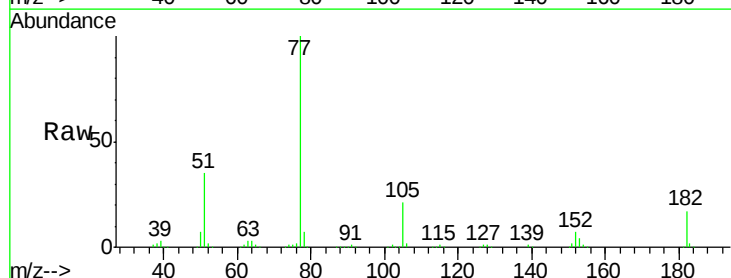
Ion Ratio Lower Upper

77 100

182 16.8 0.0 39.0

105 20.9 0.2 40.2

51 34.8 18.0 58.0

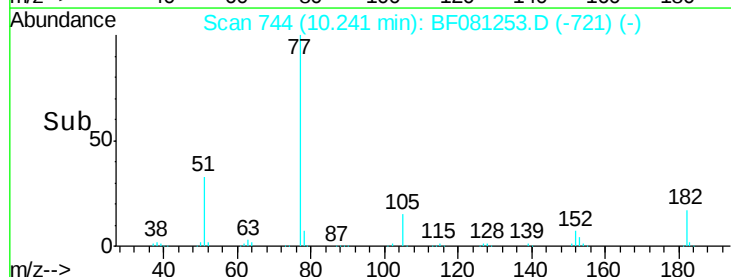
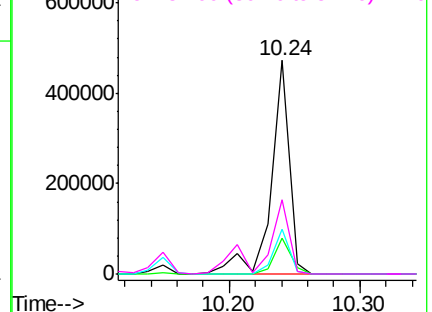


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

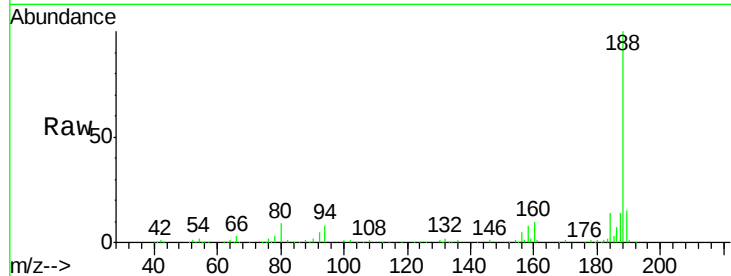




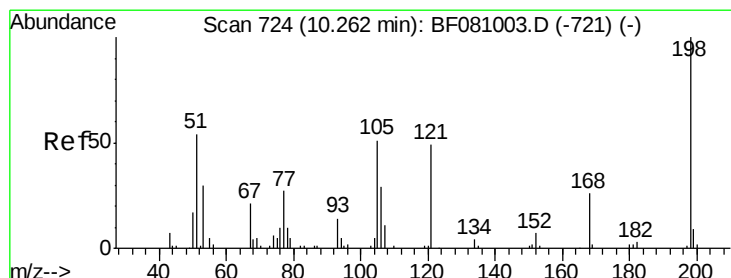
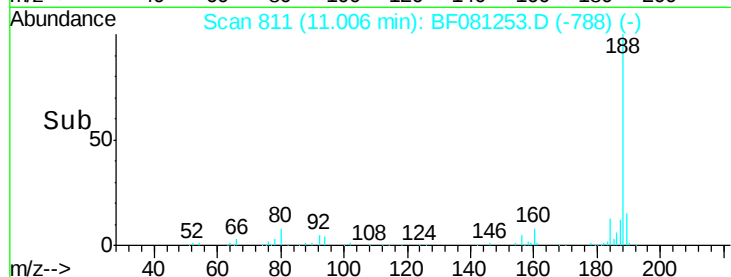
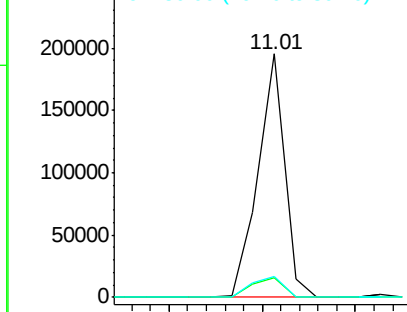
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 811
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 191729
 Ion Ratio Lower Upper
 188 100
 94 8.1 8.2 12.2#
 80 8.6 9.5 14.3#

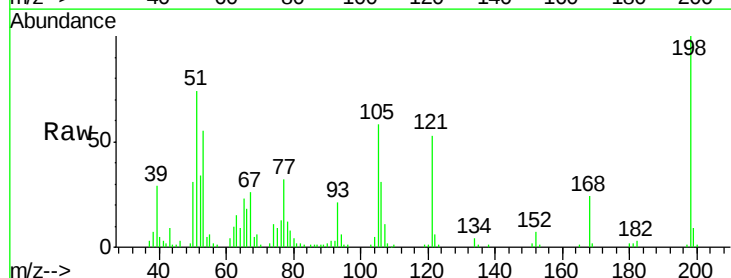


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

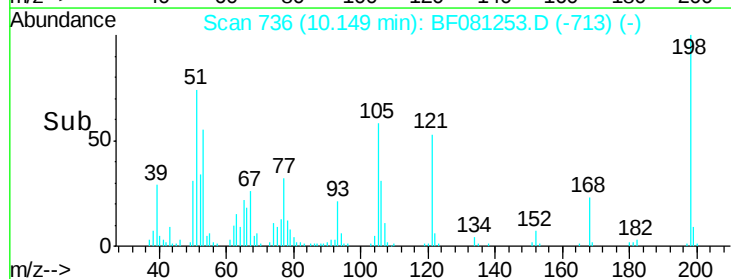
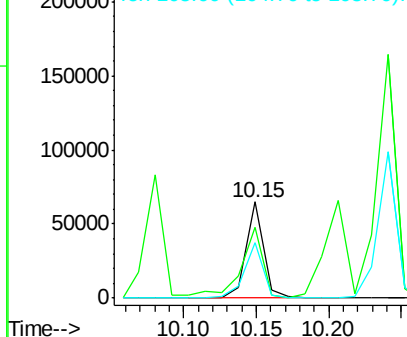


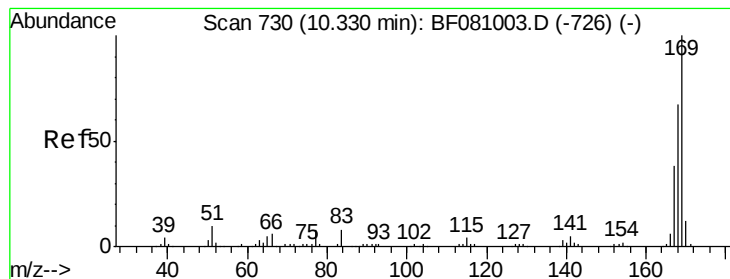
#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.71 ng
 RT: 10.15 min Scan# 736
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion:198 Resp: 54632
 Ion Ratio Lower Upper
 198 100
 51 73.9 79.7 119.7#
 105 57.8 47.0 87.0



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

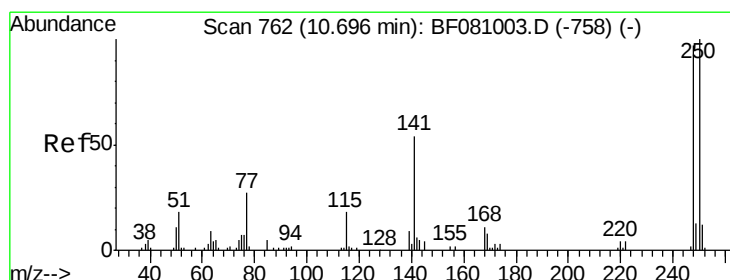
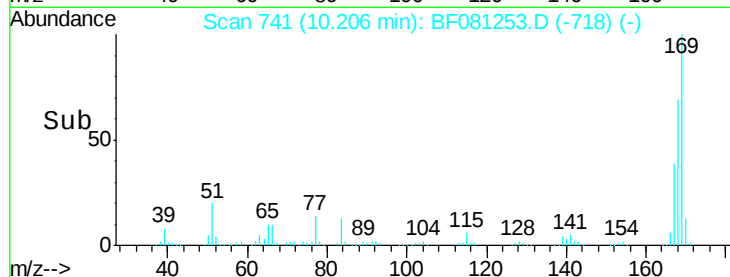
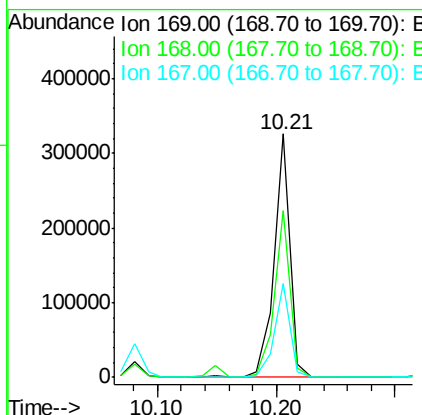
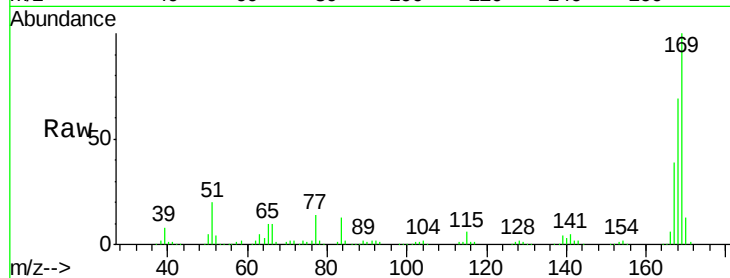




#65
n-Nitrosodiphenylamine
Concen: 43.97 ng
RT: 10.21 min Scan# 741
Delta R.T. -0.04 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

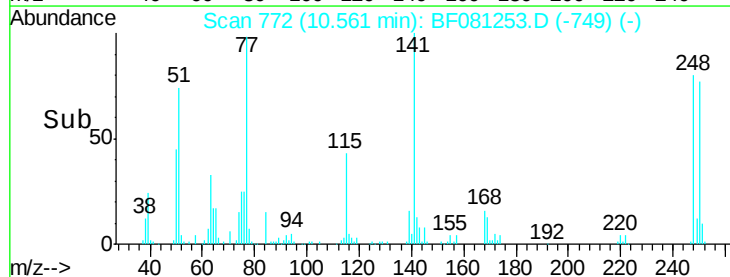
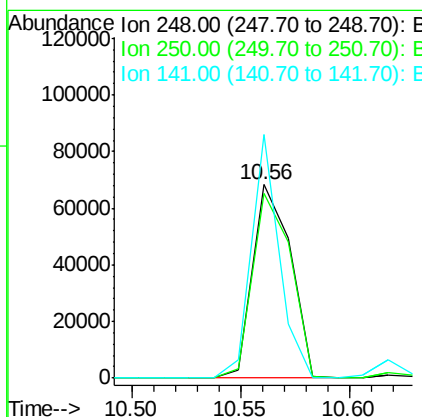
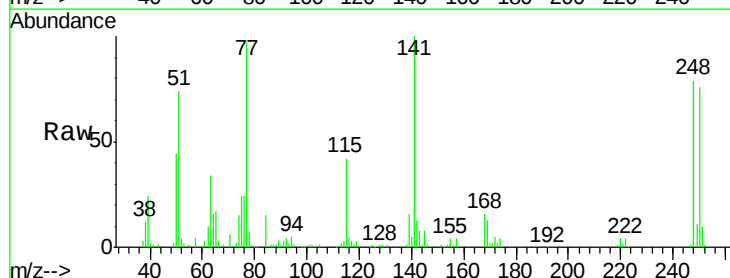
Instrument :
BNA_F
ClientSampleId :

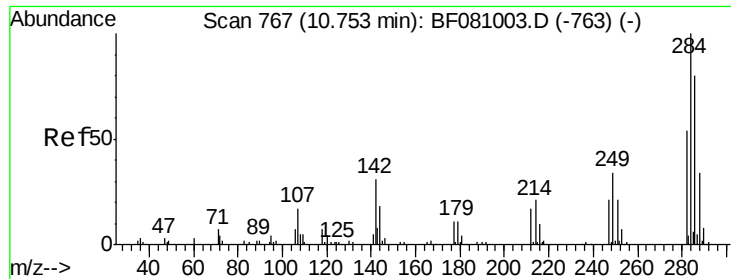
Tot Ion:169 Resp: 300950
Ion Ratio Lower Upper
169 100
168 68.8 55.3 82.9
167 38.5 30.8 46.2



#66
4-Bromophenyl-phenylether
Concen: 44.13 ng
RT: 10.56 min Scan# 772
Delta R.T. -0.04 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion:248 Resp: 83122
Ion Ratio Lower Upper
248 100
250 95.6 77.8 116.6
141 125.8 39.8 59.6#

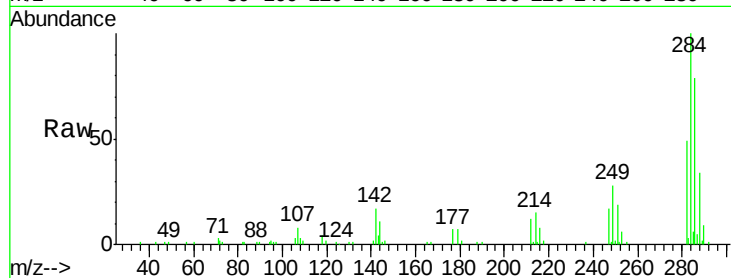




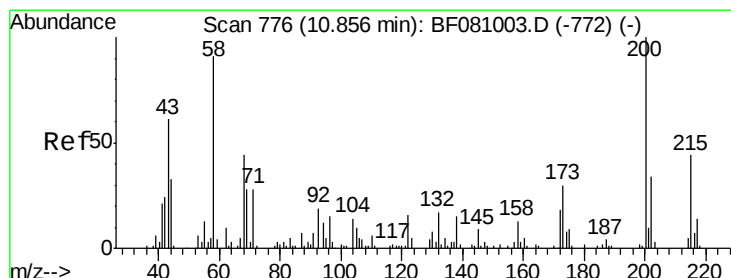
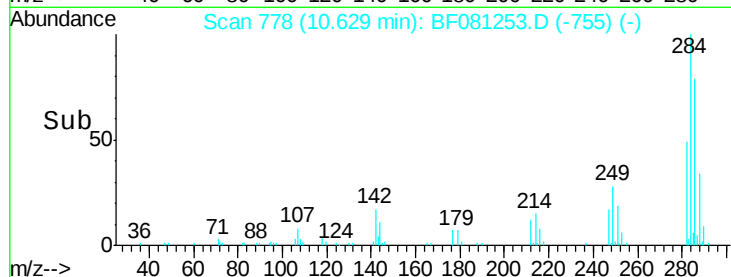
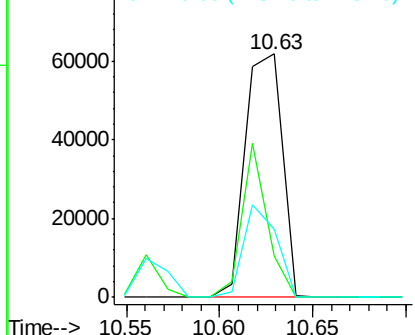
#67
Hexachlorobenzene
Concen: 44.66 ng
RT: 10.63 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 85184
Ion Ratio Lower Upper
284 100
142 16.9 25.4 38.0#
249 28.2 28.5 42.7#

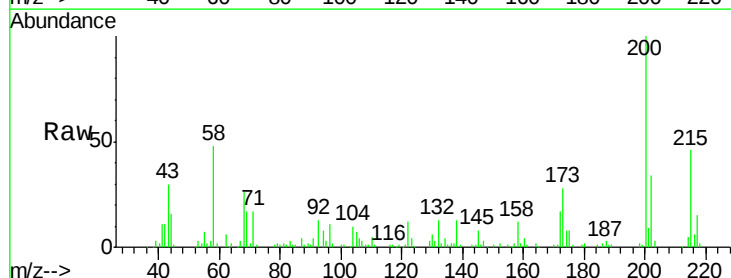


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

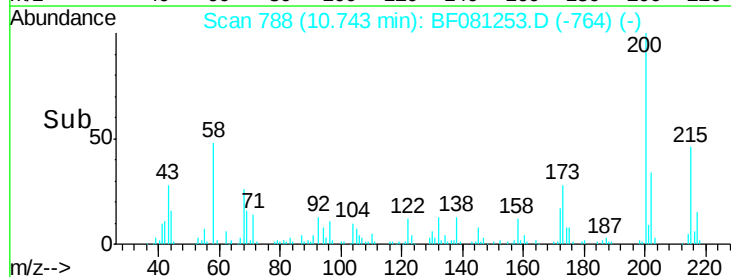
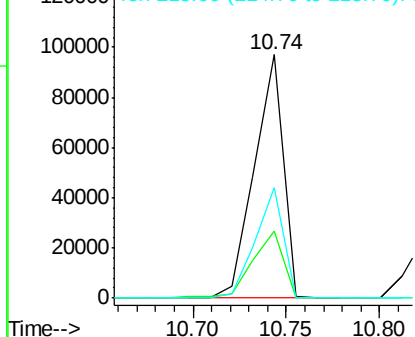


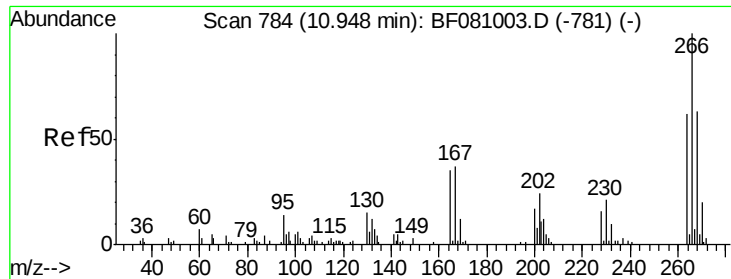
#68
Atrazine
Concen: 54.17 ng
RT: 10.74 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion:200 Resp: 103286
Ion Ratio Lower Upper
200 100
173 27.5 8.1 48.1
215 45.6 23.3 63.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

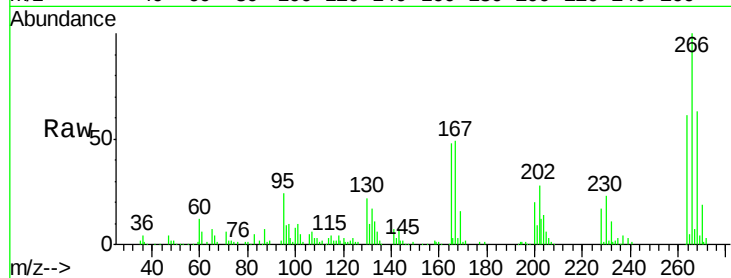




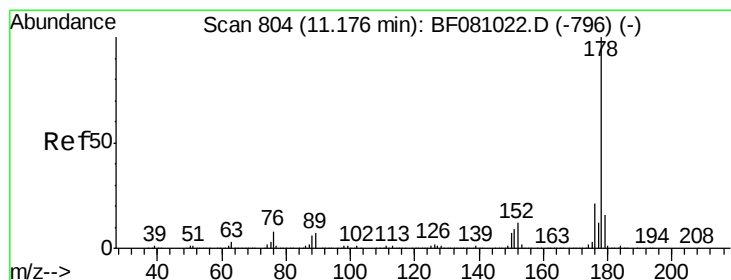
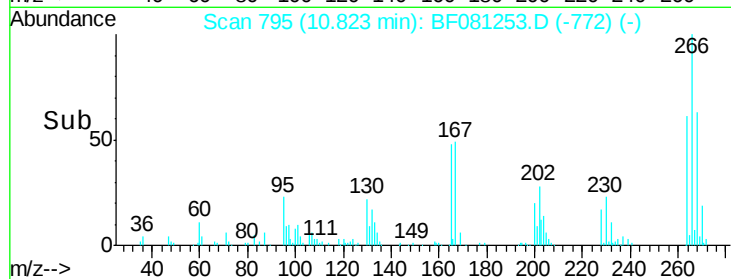
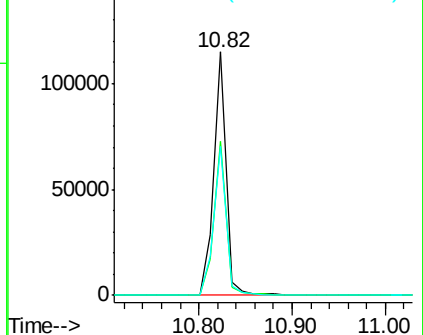
#69
 Pentachlorophenol
 Concen: 93.41 ng
 RT: 10.82 min Scan# 795
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.2	76.8
264	61.1	50.6	75.8

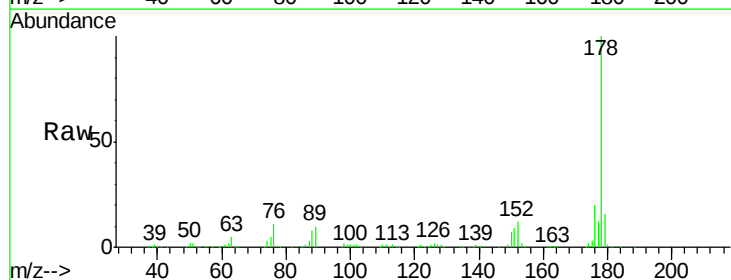


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

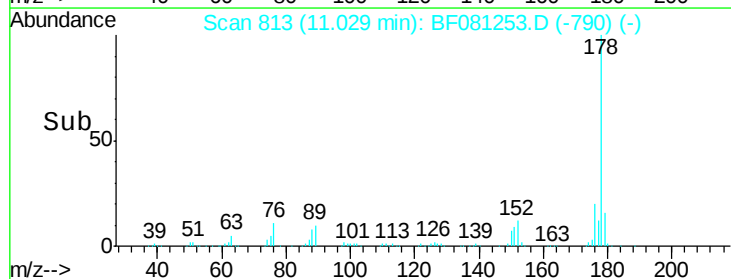
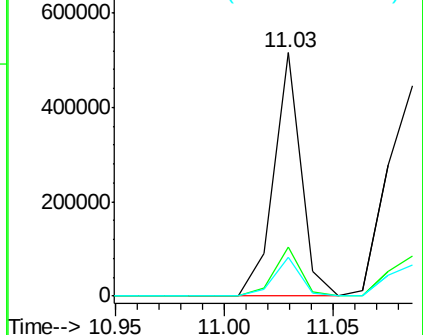


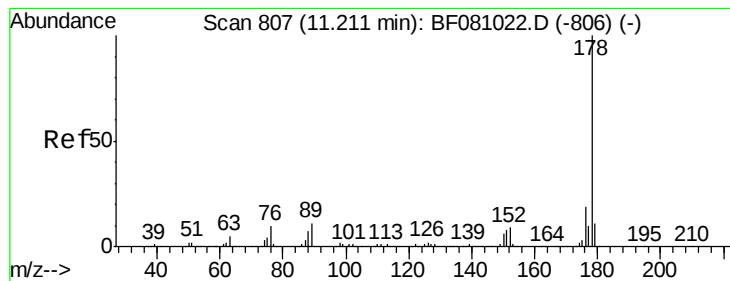
#70
 Phenanthrene
 Concen: 39.96 ng
 RT: 11.03 min Scan# 813
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	15.7	12.2	18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 46.01 ng

RT: 11.09 min Scan# 818

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

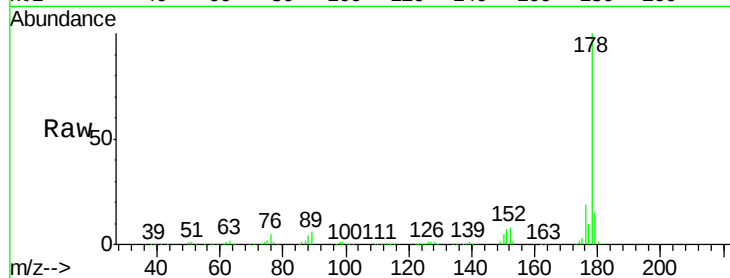
Tot Ion:178 Resp: 508692

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

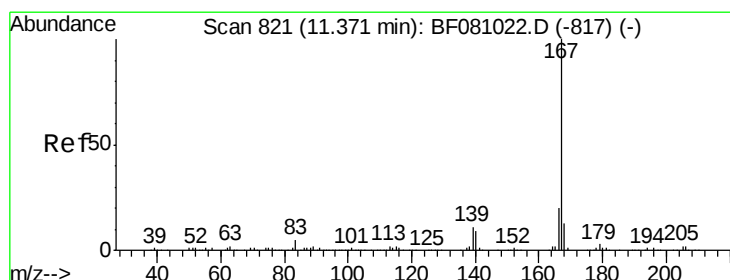
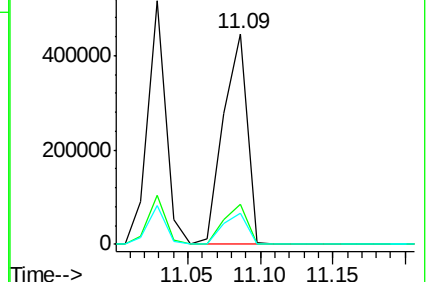
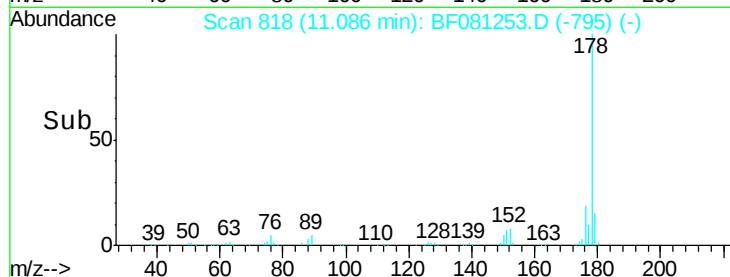
179 14.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 48.11 ng

RT: 11.25 min Scan# 832

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

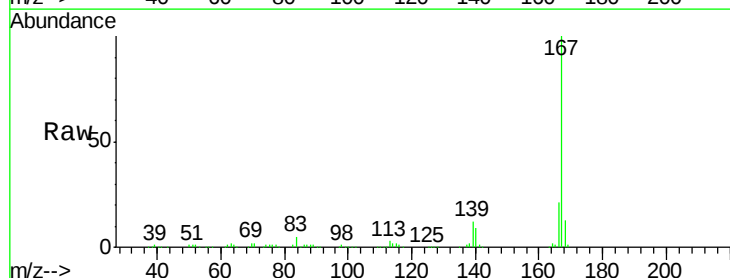
Tgt Ion:167 Resp: 512140

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

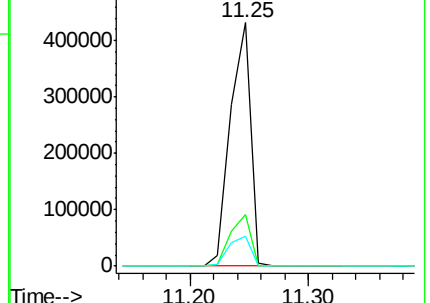
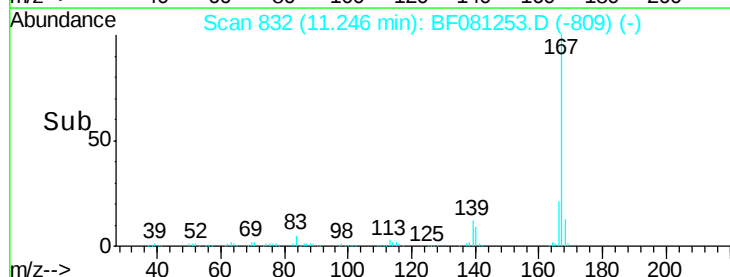
139 12.1 10.6 16.0

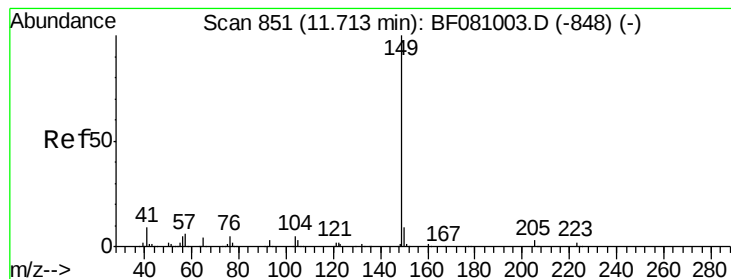


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.83 ng

RT: 11.59 min Scan# 862

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

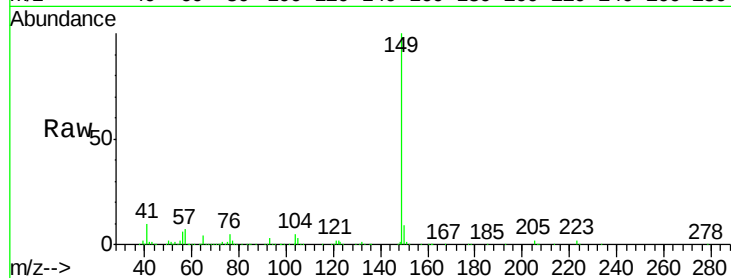
Tot Ion:149 Resp: 590316

Ion Ratio Lower Upper

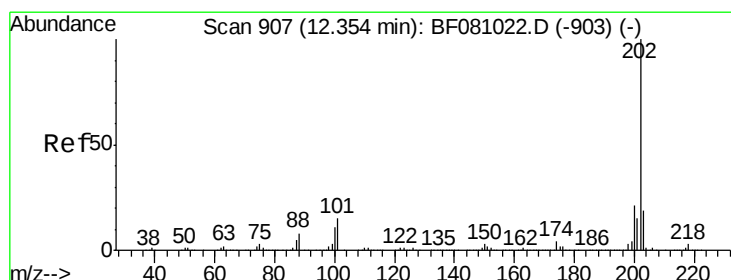
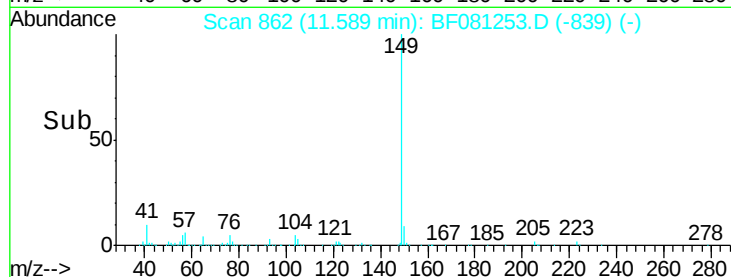
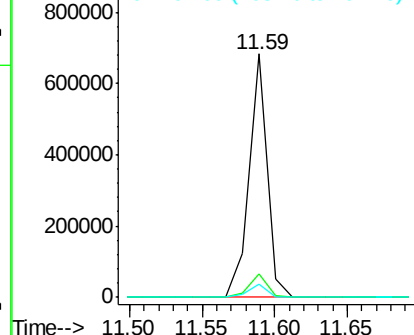
149 100

150 9.4 7.1 10.7

104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.80 ng

RT: 12.21 min Scan# 916

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

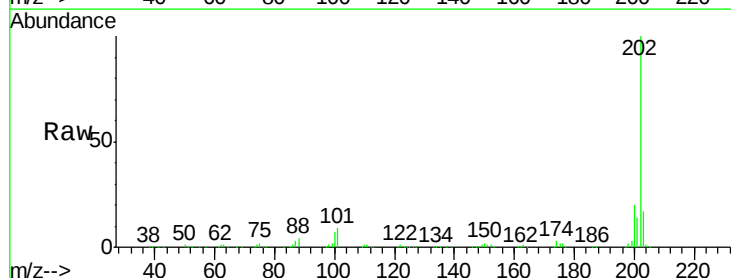
Tgt Ion:202 Resp: 561576

Ion Ratio Lower Upper

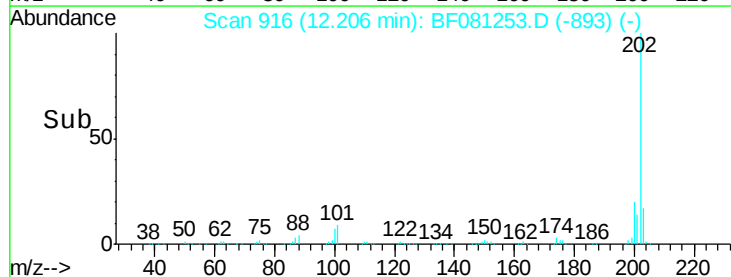
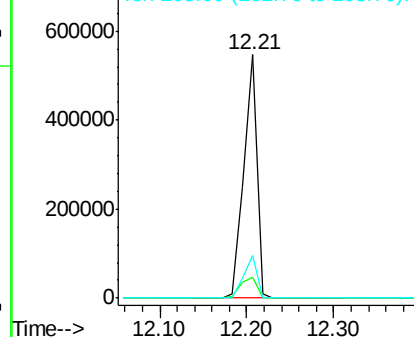
202 100

101 8.5 0.0 24.8

203 17.4 0.0 36.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1040

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

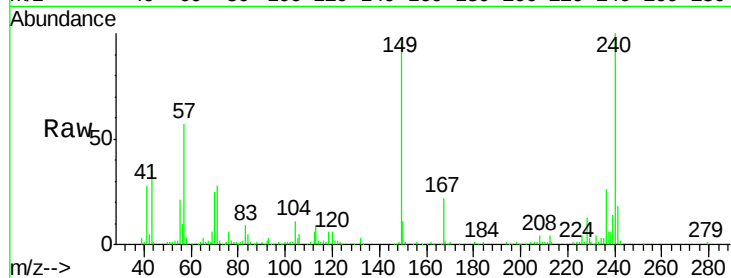
Tot Ion:240 Resp: 141115

Ion Ratio Lower Upper

240 100

120 6.4 5.6 8.4

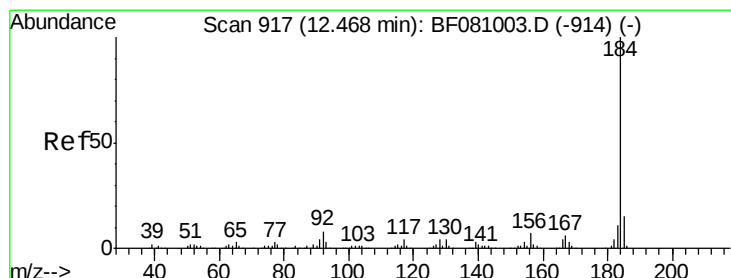
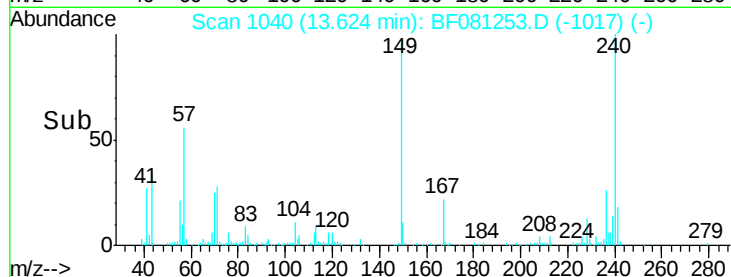
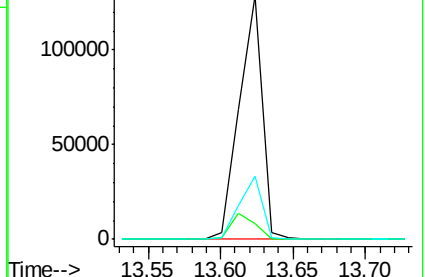
236 25.8 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.80 ng

RT: 12.33 min Scan# 927

Delta R.T. -0.05 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

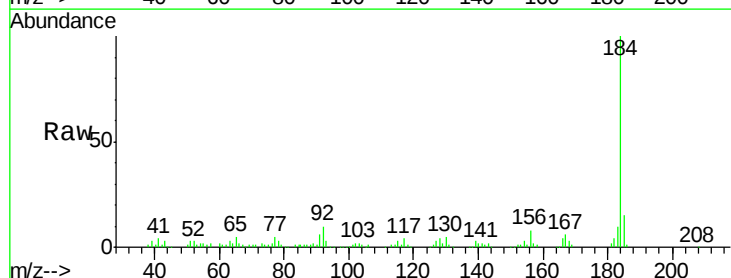
Tgt Ion:184 Resp: 222815

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

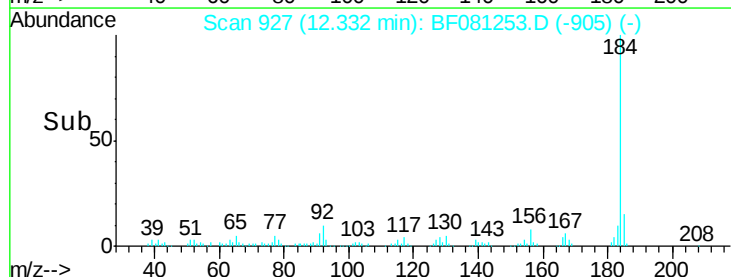
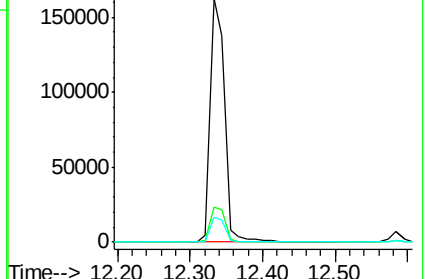
183 10.1 8.9 13.3

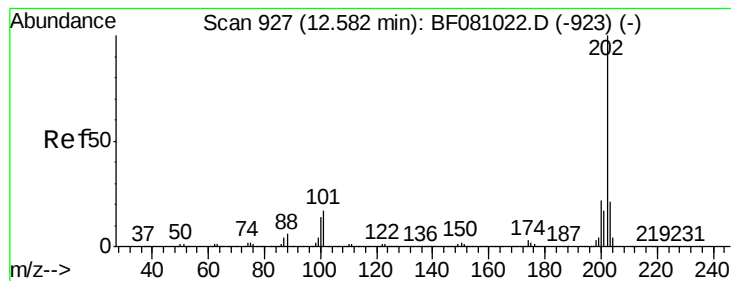


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.78 ng

RT: 12.42 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

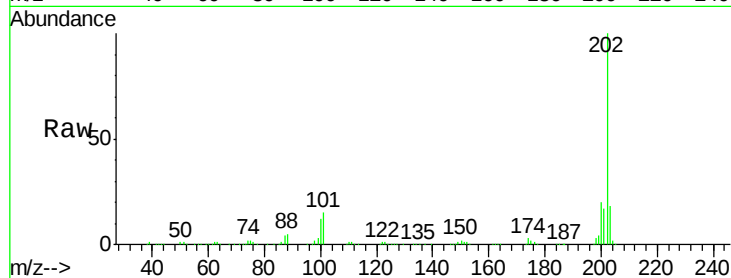
Tot Ion:202 Resp: 490710

Ion Ratio Lower Upper

202 100

200 20.1 16.6 24.8

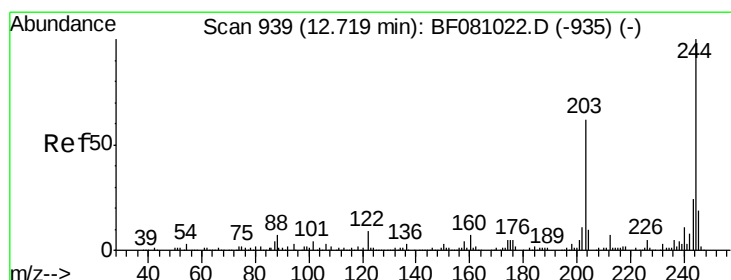
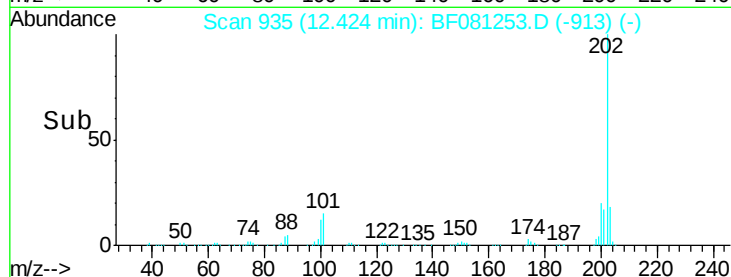
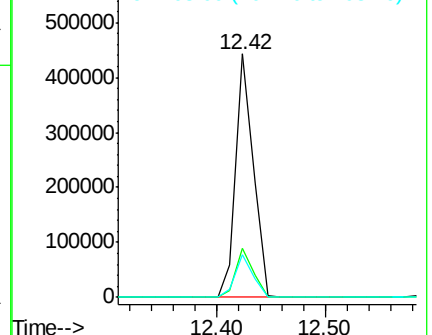
203 17.7 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.06 ng

RT: 12.58 min Scan# 949

Delta R.T. -0.05 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

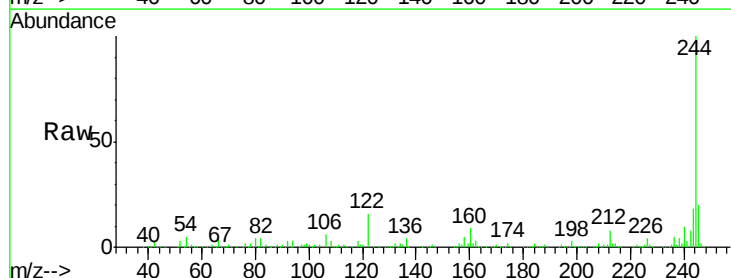
Tgt Ion:244 Resp: 540182

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

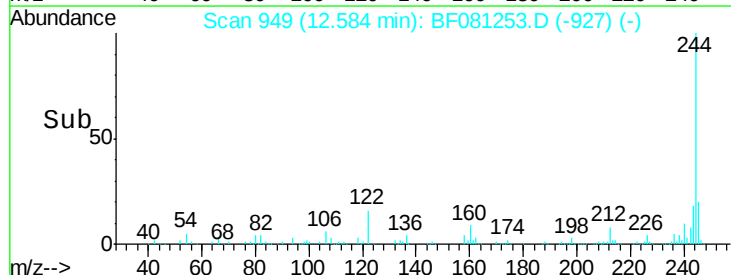
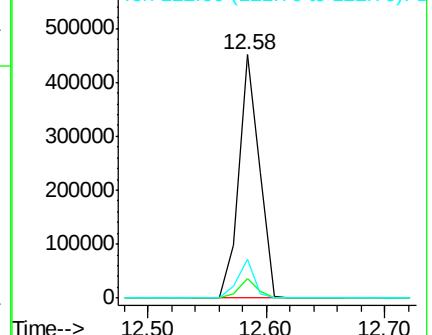
122 16.0 8.2 12.4#

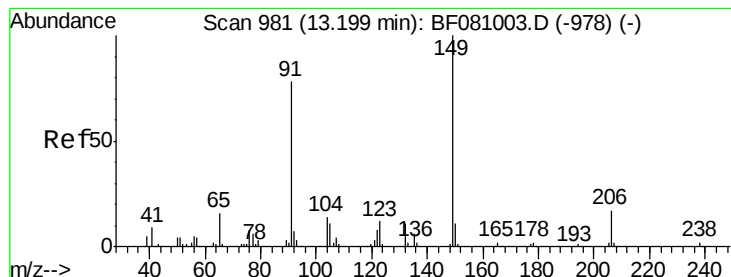


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 51.07 ng

RT: 13.06 min Scan# 991

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampled :

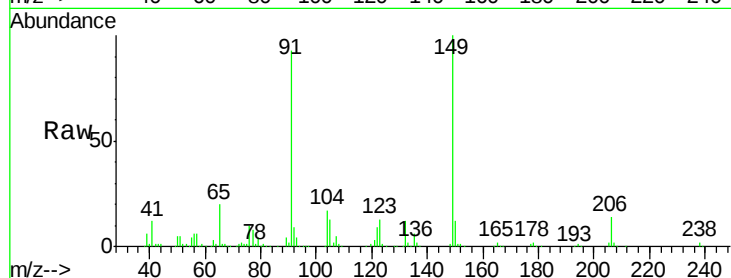
Tot Ion:149 Resp: 251815

Ion Ratio Lower Upper

149 100

91 93.1 46.9 70.3#

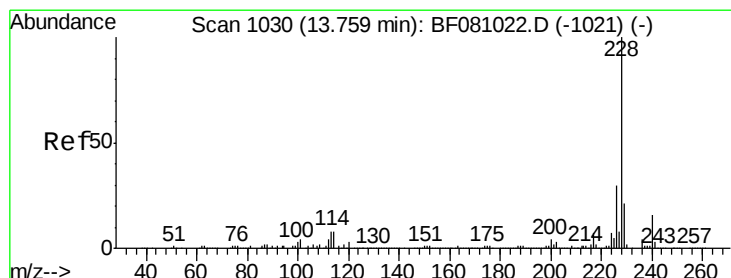
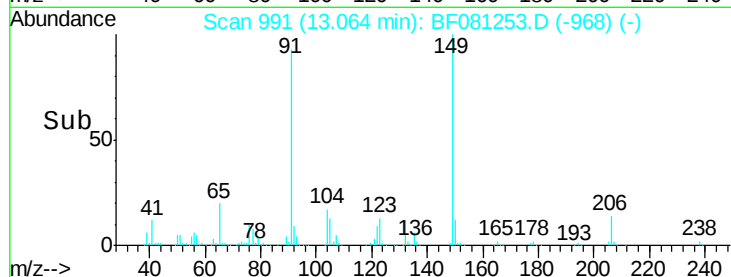
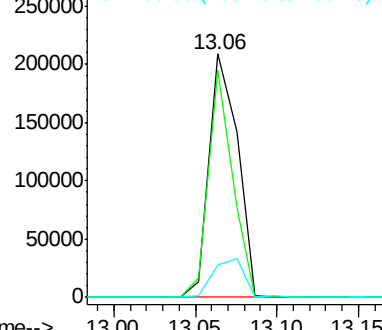
206 13.5 17.0 25.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.48 ng

RT: 13.61 min Scan# 1039

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

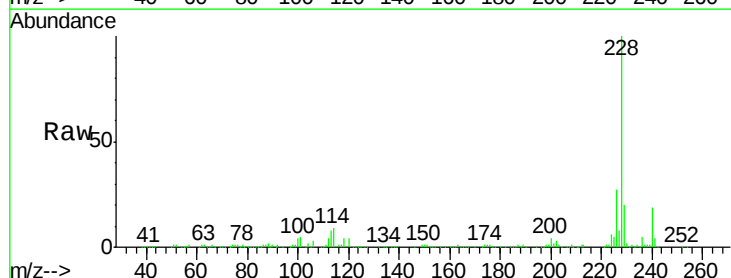
Tgt Ion:228 Resp: 439894

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

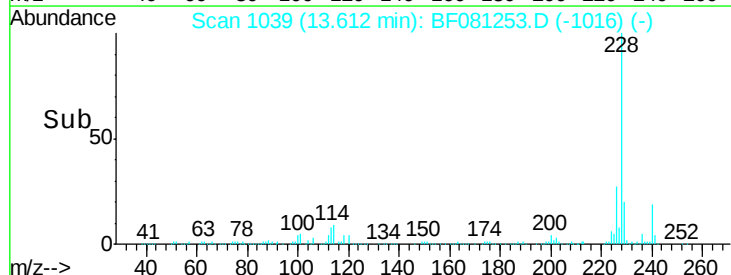
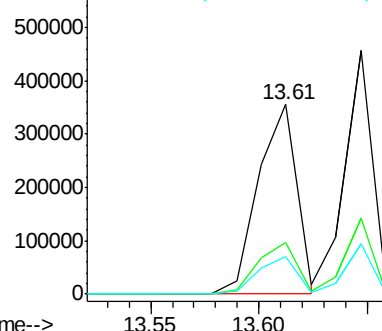
229 19.6 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

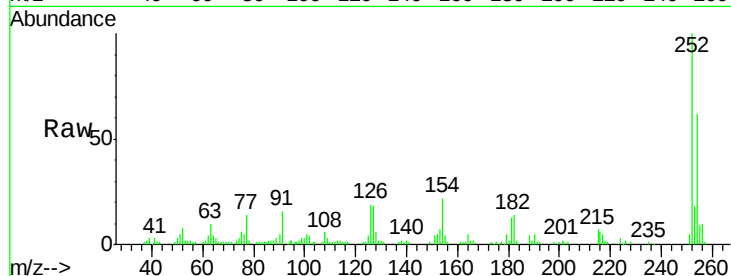




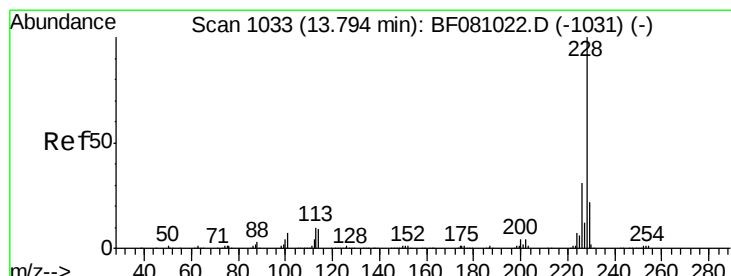
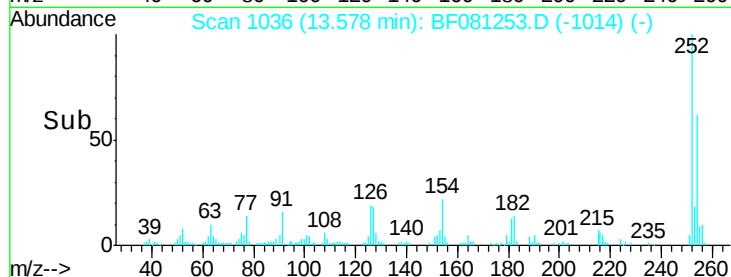
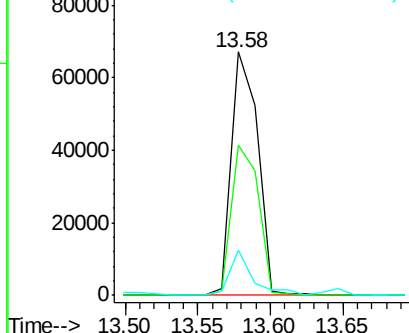
#81
 3,3'-Dichlorobenzidine
 Concen: 27.58 ng
 RT: 13.58 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 84552
 Ion Ratio Lower Upper
 252 100
 254 61.9 51.5 77.3
 126 18.7 12.5 18.7

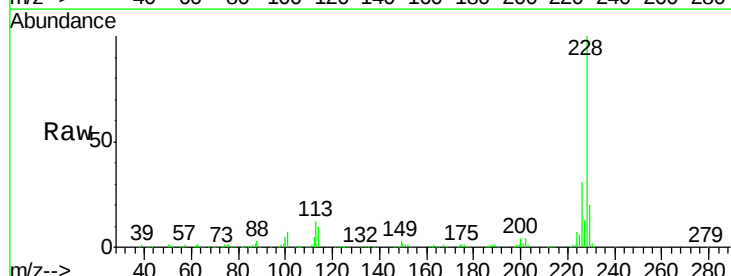


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

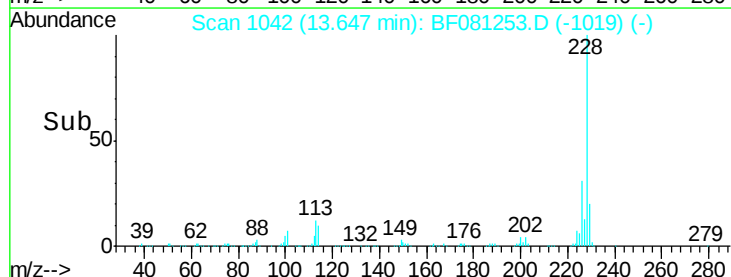
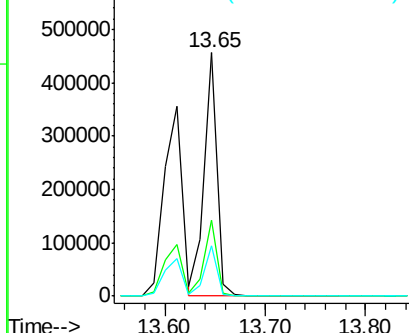


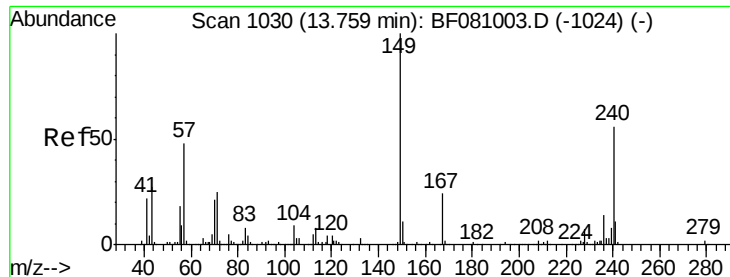
#82
 Chrysene
 Concen: 47.64 ng
 RT: 13.65 min Scan# 1042
 Delta R.T. -0.04 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion:228 Resp: 406288
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.4 36.6
 229 20.5 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.43 ng

RT: 13.64 min Scan# 1041

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

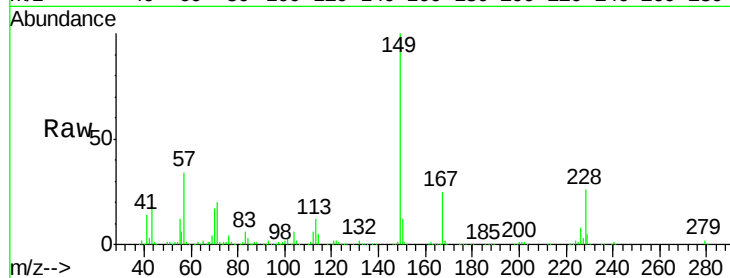
Tot Ion:149 Resp: 375388

Ion Ratio Lower Upper

149 100

167 25.4 20.7 31.1

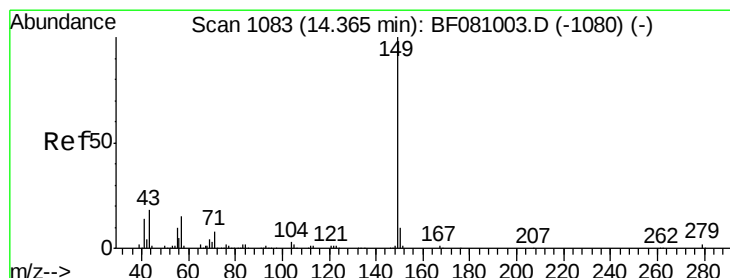
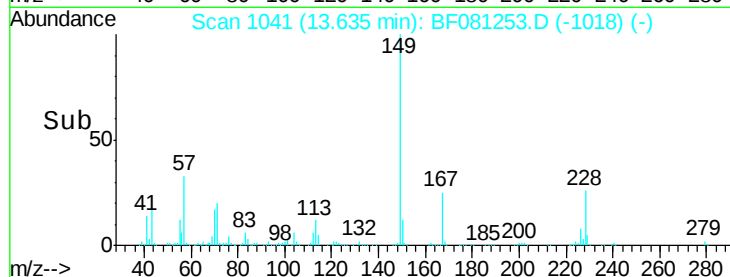
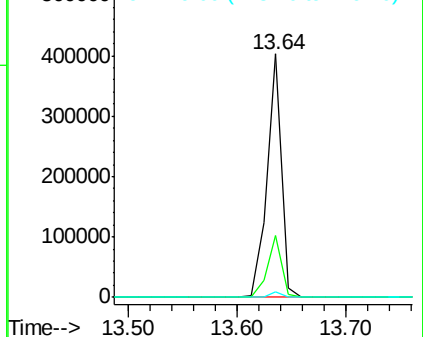
279 2.3 2.2 3.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 63.71 ng

RT: 14.24 min Scan# 1094

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

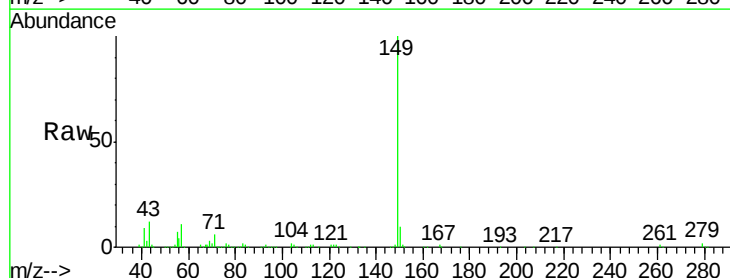
Tgt Ion:149 Resp: 611584

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

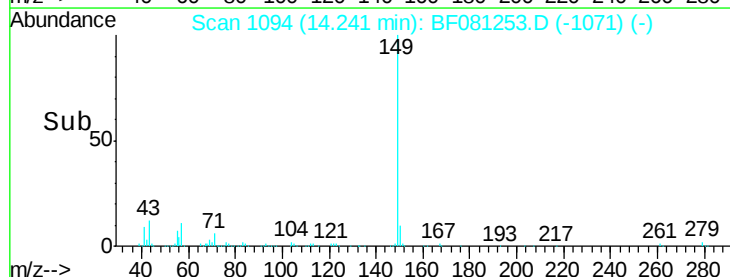
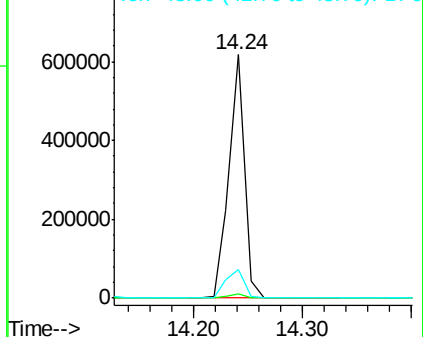
43 13.9 11.6 17.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

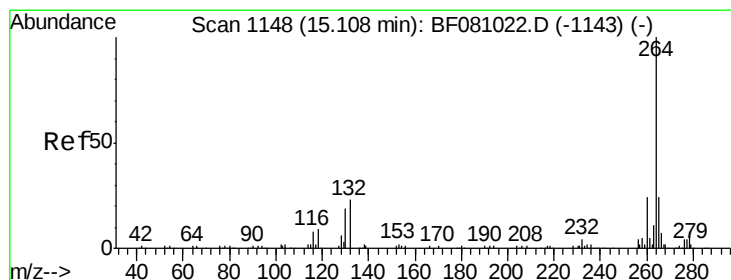
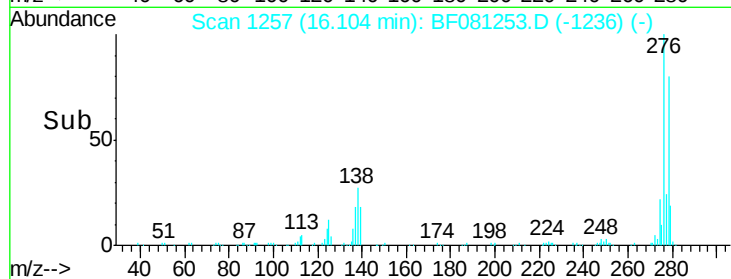
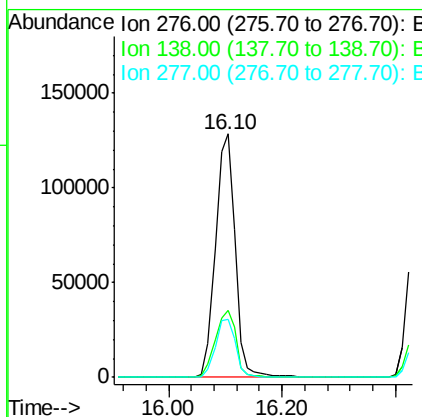
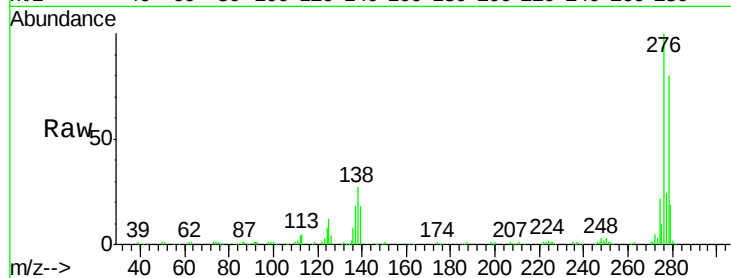




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.22 ng
 RT: 16.10 min Scan# 1257
 Delta R.T. -0.06 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

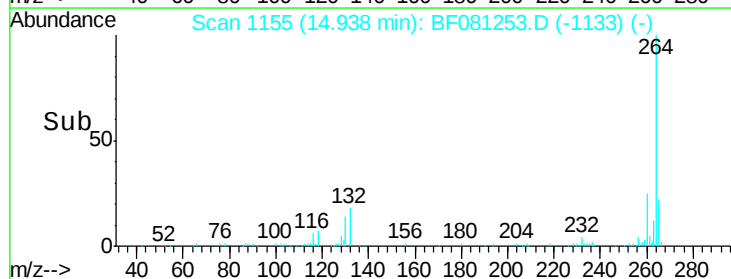
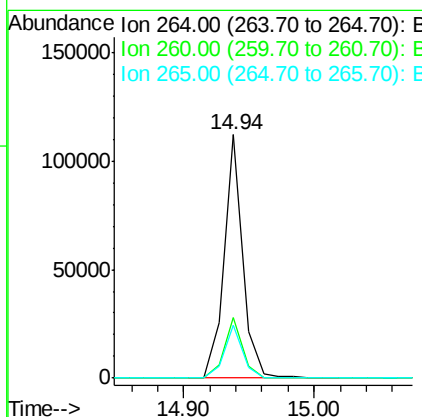
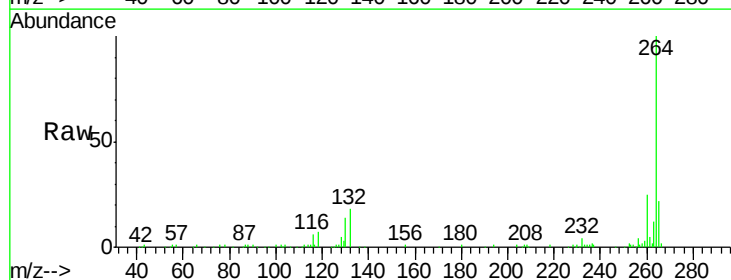
Instrument :
 BNA_F
 ClientSampleId :

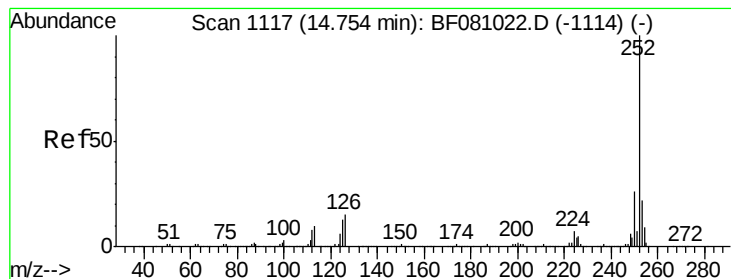
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	18.6	28.0#
277	24.4	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1155
 Delta R.T. -0.05 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	21.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 86.65 ng

RT: 14.63 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

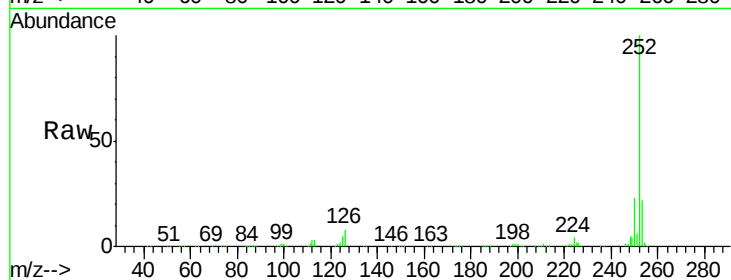
Tot Ion:252 Resp: 684559

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

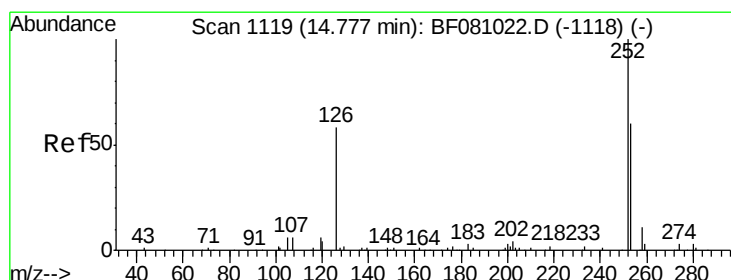
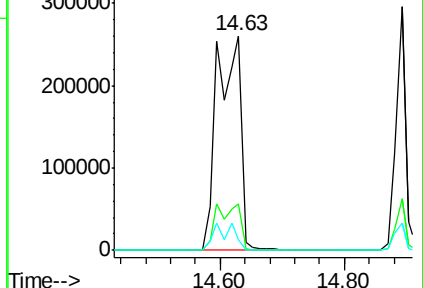
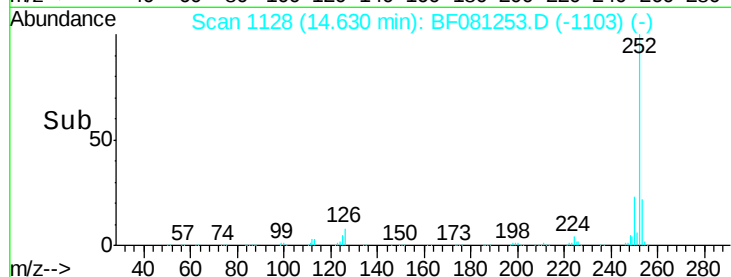
125 4.9 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 92.99 ng

RT: 14.63 min Scan# 1128

Delta R.T. -0.04 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

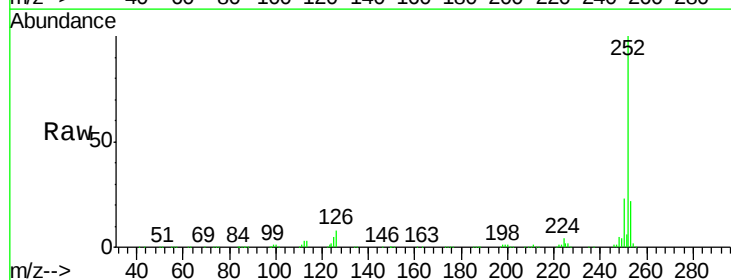
Tgt Ion:252 Resp: 684559

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

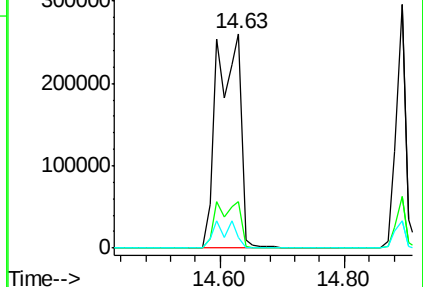
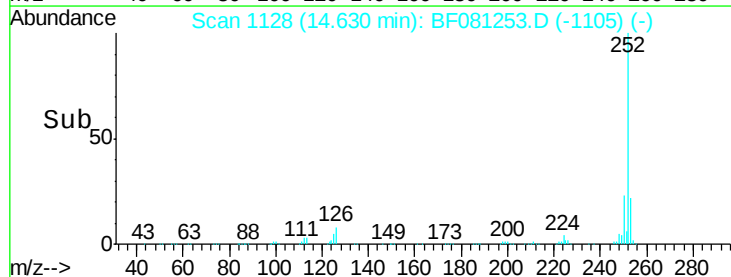
125 4.9 10.3 15.5#

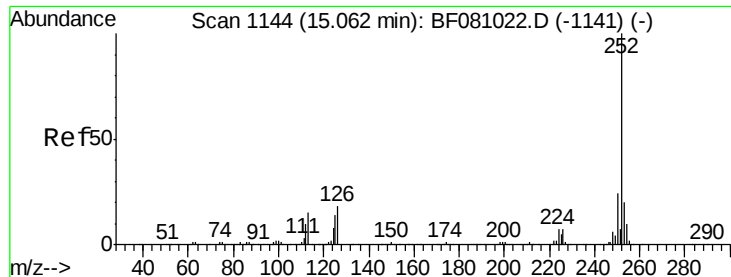


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.96 ng

RT: 14.89 min Scan# 1151

Delta R.T. -0.05 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

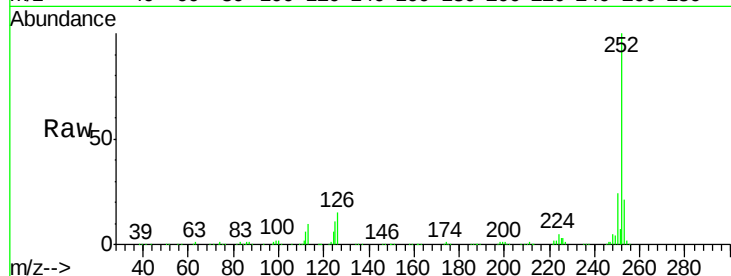
Tot Ion:252 Resp: 323275

Ion Ratio Lower Upper

252 100

253 21.4 16.6 25.0

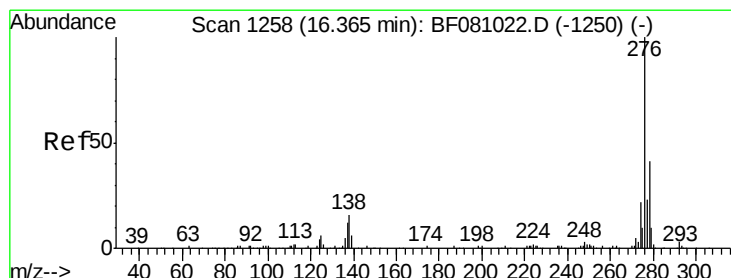
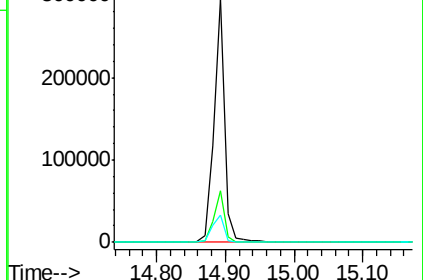
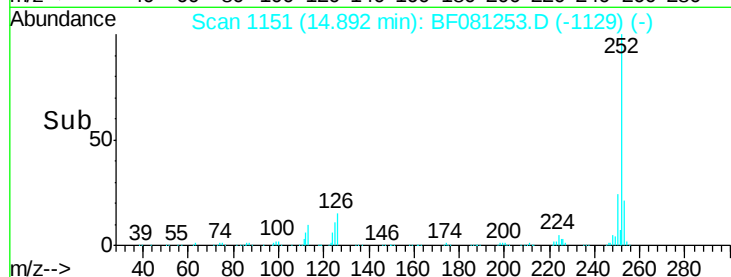
125 11.3 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.37 ng

RT: 16.12 min Scan# 1258

Delta R.T. -0.07 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

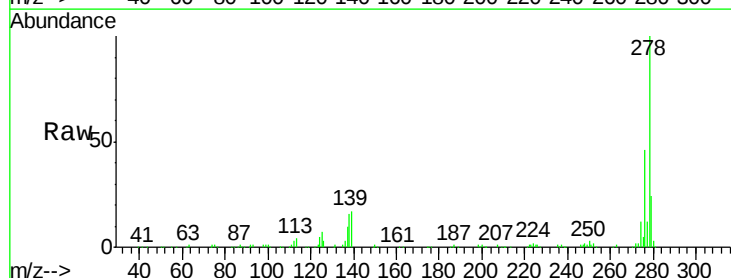
Tgt Ion:278 Resp: 254101

Ion Ratio Lower Upper

278 100

139 17.2 10.8 16.2#

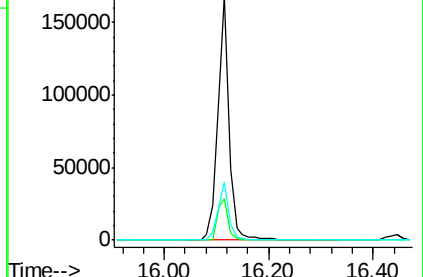
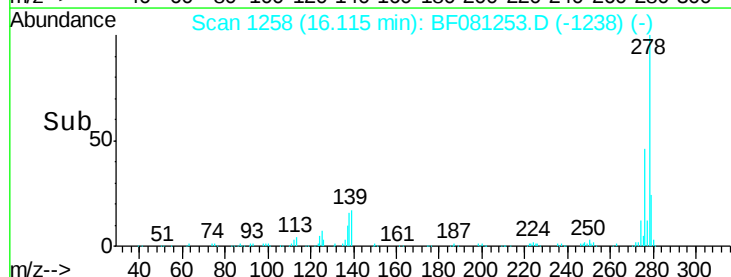
279 23.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 46.73 ng
 RT: 16.45 min Scan# 1287
 Delta R.T. -0.07 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.2	27.2
138	22.9	13.7	20.5

